TOP DESIGNS 2023

25 MARCH - 9 JULY 2023

VCE Season of Excellence 2023

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Images courtesy of Nicole Cleary Photography

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VCE Media students examine how the media constructs reality while investigating how audiences consume media products. Students research media products and investigate production processes in a variety of forms. They design and develop their own production based on their research and investigation. The media forms students work with include animation, video, film, television, print layout, audio, photography, digital and hybridised media.

To create their final production design, students research the characteristics, narratives, styles and genres of a range of media forms. The narrative and final product is constructed to engage a specified target audience. The productions on display demonstrate strong conceptualisation and a high level of technical skill.
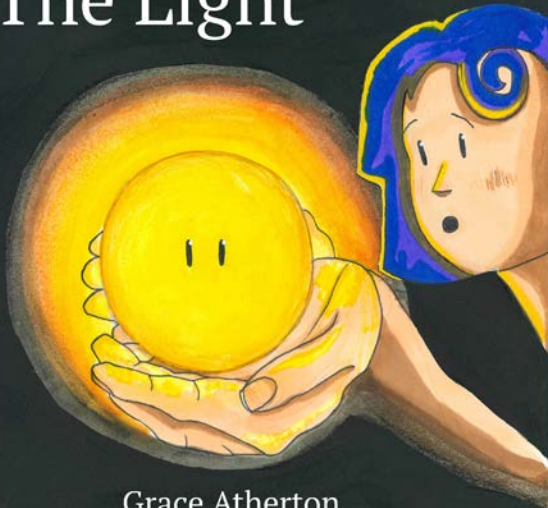
GRACE ATHERTON
FOOTSCRAY HIGH SCHOOL, FOOTSCRAY, WURUNDJERI COUNTRY

The Light

Picture Book

The Light is centred on a child named Bailey and their struggle to experience self-empowerment. This is expressed through the analogy of the electricity in the house turning off and on. I wanted to explore insecurity and uncertainty through this young character, as I believe the struggle for self-confidence is part of being human and is relatable across all ages and identities. The illustrative style combines simplicity with dramatised light and colour to evoke a pensive atmosphere and encourage readers to reflect on their inner power.

if at first you don´t succeed,
try, try, try again.


JACK MALISZEWSKI

PADUA COLLEGE, MORNINGTON, BUNURONG COUNTRY

Trying Again

Graphic Novel

Trying Again is a graphic novel that pays respect to the format and characteristics of manga. The narrative is a short story about why media is so important to our culture and understandings. My graphic novel portrays a world in which all media is heavily controlled and creativity, story-telling and idea-sharing no longer exist. The protagonists of the story attempt to bring creative autonomy back.
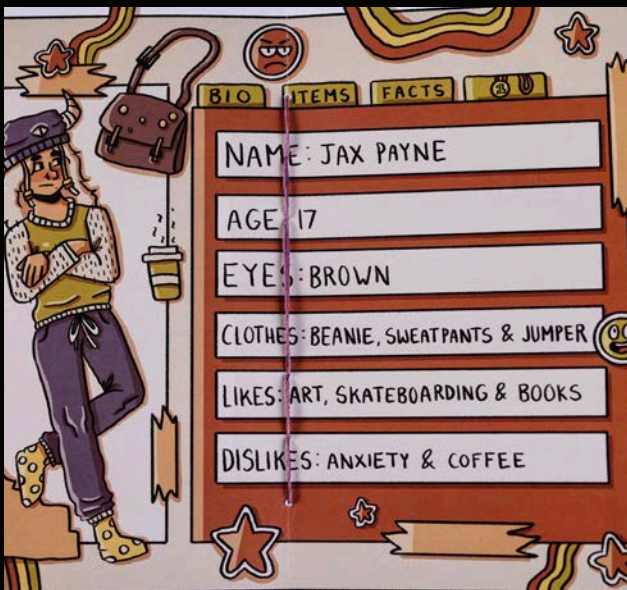
KIM XUYEN QUINTON

PARKDALE SECONDARY COLLEGE, MORDIALLOC, BUNURONG COUNTRY

Auspicious

Graphic Novel

Auspicious is a coming-of-age graphic novel that explores anxieties about entering adulthood. Following the protagonist Jax Payne, we watch as they undergo the final months of high school, face hardships and form a relationship with the mysterious character Buffy. Inspired by creatives such as Wes Anderson and Hayao Miyazaki, I aimed to depict universal experiences through the lens of unconventional characters to create a visually and structurally captivating world.

The little cats liked the old grandma so much, they followed her wherever she went!

To the bustling market...

One Day With Grandma

Megan Tran

MEGAN TRAN

YARRA VALLEY GRAMMAR, RINGWOOD, WURUNDJERI COUNTRY

One Day with Grandma

Story Book

One Day with Grandma, examines love as a delicate, moving emotion that connects one person to another and centres the bond between grandparents and their grandchildren. My own family served as my primary source of inspiration, as I was fascinated by our daily interactions and engagements. Through my expressive illustrations and narrative, I aimed to encourage parents and children to find emotional resonance, for children to value their grandparents and the warmth of family affection, and for adults to respect their children's needs rather than imposing their own.
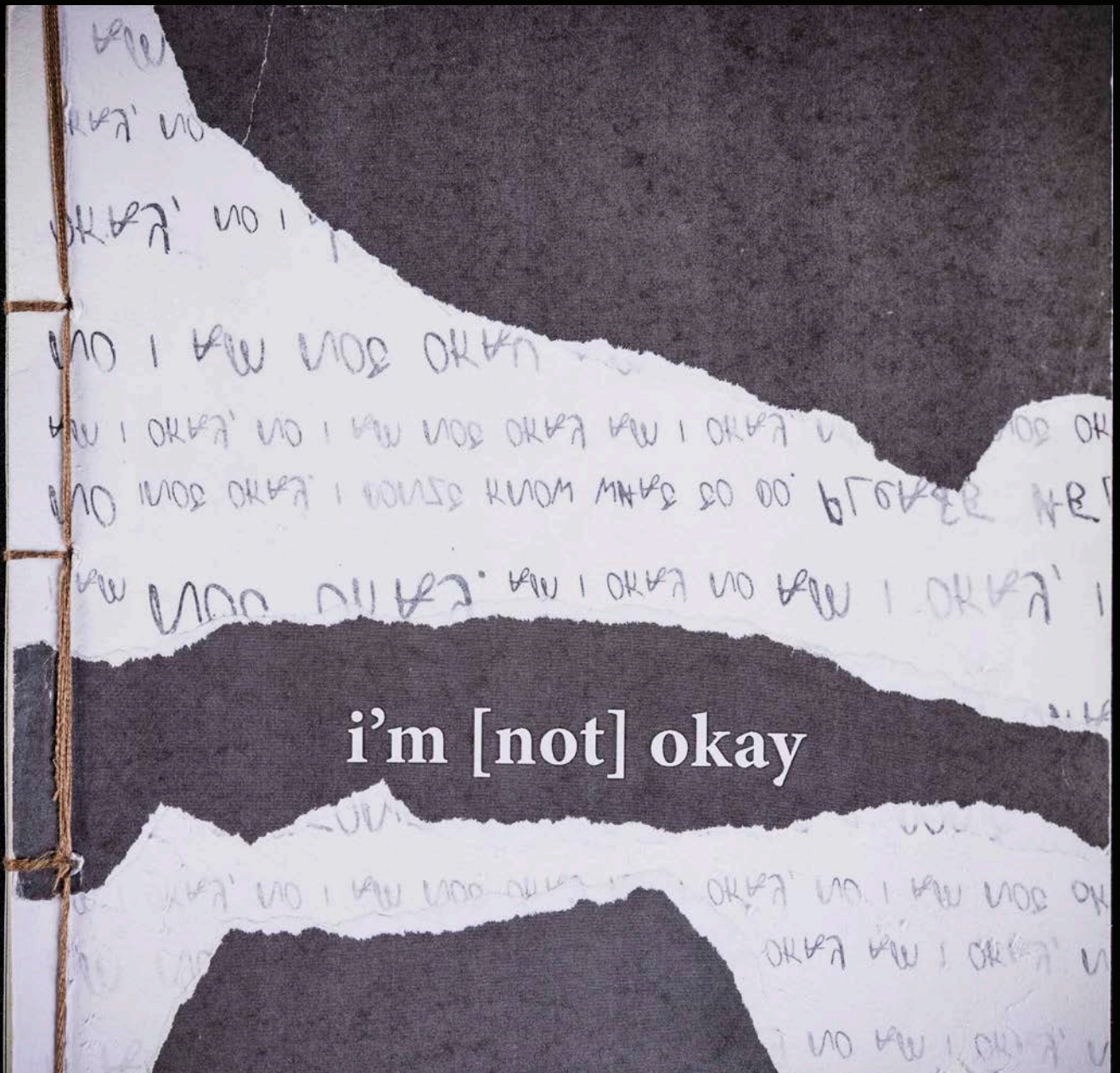
EMILY WIDJAJA

GEELONG GRAMMAR SCHOOL, CORIO, WADAWURRUNG COUNTRY

i'm [not] okay

Zine

i'm [not] okay is a mixed media zine that discusses the suppression of emotions. Focusing on young women's experiences with this topic, the zine includes a collection of five individual reflections. These are presented through texts describing the models' personal thoughts and emotions. The portraits included use mixed media techniques, such as image transfers and torn paper collage. With the use of tracing paper in my final product, I intended to create a layered narrative for my audience. As they flick through each model's individual section, the viewer comes closer to unravelling the model's pure emotional state that might otherwise be disguised.

WILL CALLEJA

FOOTSCRAY HIGH SCHOOL, FOOTSCRAY, WURUNDJERI COUNTRY

Jordan is a troubled teen making her way through high school. Resenting her current lifestyle, she starts to re-evaluate how she lives her life and deals with social anxiety.

The Trials and Tribulations of Being Jordan
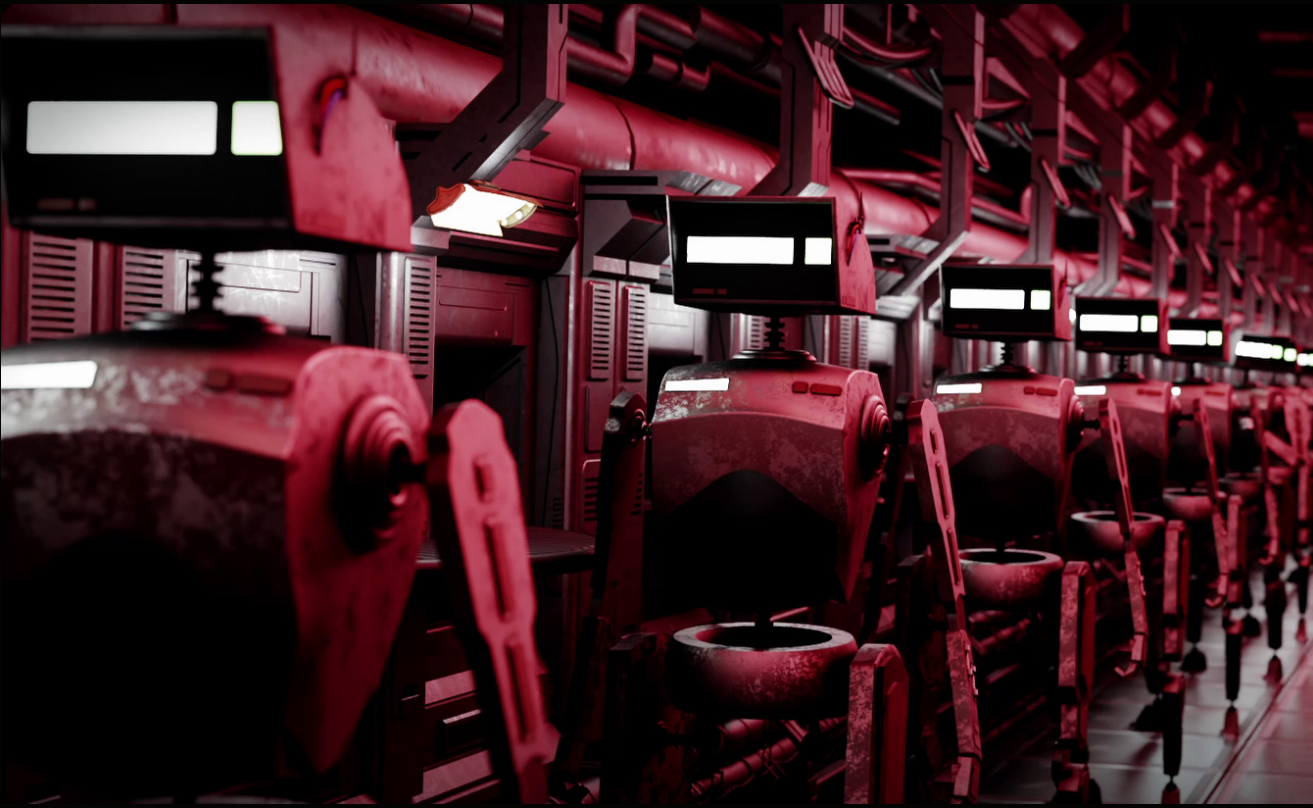
Teen Drama, 6min 16sec

SAMANTHA CHIM

EAST DONCASTER SECONDARY COLLEGE, DONCASTER EAST, WURUNDJERI COUNTRY

Break the Mould

Documentary, 4min 53sec

A documentary-style interview with 35-year-old transgender model and public figure, Rora Mac, about her struggles going through life and what she had to conquer to get to where she is now.

LUCA DI NATALE

**ST MICHAEL'S GRAMMAR SCHOOL,
ST KILDA, BUNURONG COUNTRY**

Mechanical Dreams

Science Fiction, 6min 41sec

A suspiciously advanced robot, RX-39, contemplates his purpose in a dystopian society in which humans overpower and control robots. As RX-39 struggles to comprehend his purpose, he questions the daunting reality faced by his kind... will he overcome the authority?

EMILE FEIK

UNIVERSITY HIGH SCHOOL, PARKVILLE, WURUNDJERI COUNTRY

Earl Dreams of Apples

Arthouse, 9min 59sec

An adolescent boy has a night of strange and vivid dreams involving a beach full of buried apples, a disappearing razor, a masked man and a highway at night. All these surreal images materialise a fear of the future and a desire to return to the comfort of childhood.

ELLA HENNESSY
PADUA COLLEGE, MORNINGTON, BUNURONG COUNTRY

Bloom

Family, 3min 22sec

Bloom delves into feelings of grief and loneliness after losing someone close, proposing that there is always love and support from sometimes unexpected sources.

HENRY HOLMES

WESLEY COLLEGE, MELBOURNE, BUNURONG COUNTRY

Bert

Coming of Age, 6min 33sec

A young boy finds an injured bird on his way to school and decides to take it home and care for it until its wing heals. Soon after, the bird dies. Placing it into a shoebox, the boy decides he will bury the bird and return it to the place he found it.

LOLA KEDDIE

ALBERT PARK COLLEGE, ALBERT PARK, BUNURONG COUNTRY

Driven To Revenge

Heist movie, 5min 33sec

In her old Kombi van, Sharon nervously drives Jane towards her destiny. Jane is hellbent on revenge for wages stolen by her pizzeria boss. This is heist movie set in suburbia where stolen wages are the prize.

JASMINE LANE

CASEY GRAMMAR SCHOOL, CRANBOURNE EAST, BUNURONG COUNTRY

I'm a Background Character

Action-Comedy, 3min 23sec

When, in a twist of fate, the main character of the story dies at the hands of a villain, an unremarkable college student decides to take on the mantle of saving the world, even though he's supposed to be nothing more than a background character.

TIA MCNEILL

VIRTUAL SCHOOL VICTORIA, THORNBURY, WURUNDJERI COUNTRY

The Cleaners

Psychological thriller/Tragedy, 4min 54sec

The Cleaners is a stop-motion animation told through the point-of-view of a grandfather as he celebrates his 80th birthday with family. Peculiarities emerge as the night progresses and large gloved hands begin removing objects – symbolic of memories – cluttered throughout the protagonist's home.

HAN NHI NGO
WILLIAMSTOWN HIGH SCHOOL, WILLIAMSTOWN, BUNURONG COUNTRY

Going Home – Về Nhà

Family/Coming of Age, 7min 12sec

Going Home – Về Nhà follows the journey of a Vietnamese girl as she tries to find her home. The film explores the detachment of second-generation Vietnamese-Australians who struggle to connect with their culture and feel lost amid societal expectations.

SEQUOIA PATHER

SWINBURNE SENIOR SECONDARY COLLEGE, HAWTHORN, WURUNDJERI COUNTRY

A young girl named Marlee runs away from home in the middle of the night to flee her abusive mother. She navigates homelessness with her dog while dealing with the emotional toll of her troubled past.

Shift

Drama, 5min 58sec

JAI POSTMA

ASHWOOD HIGH SCHOOL, ASHWOOD, WURUNDJERI COUNTRY

Paws

Science Fiction/Adventure, 4min 40sec

Paws is an animation that follows a cat traversing a post-apocalyptic city in search of food. The film is a technical exercise in realistic animation, focusing on survival amid destruction.

ADAM RUDNICKI

IVANHOE GRAMMAR SCHOOL, IVANHOE, WURUNDJERI COUNTRY

Steam Alive

Documentary, 8min 18sec

Steam Alive is a documentary that highlights the generational shift occurring in Victoria's railway preservation sector, where many young volunteers are now joining railway organisations to continue the restoration and running of Victoria's heritage trains.
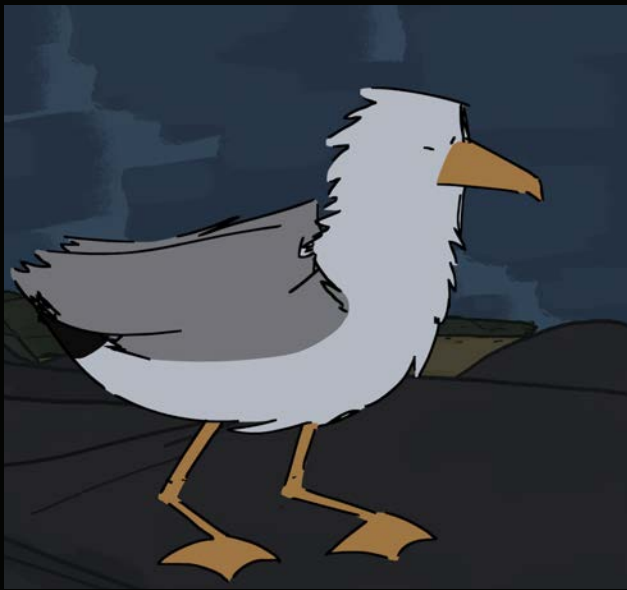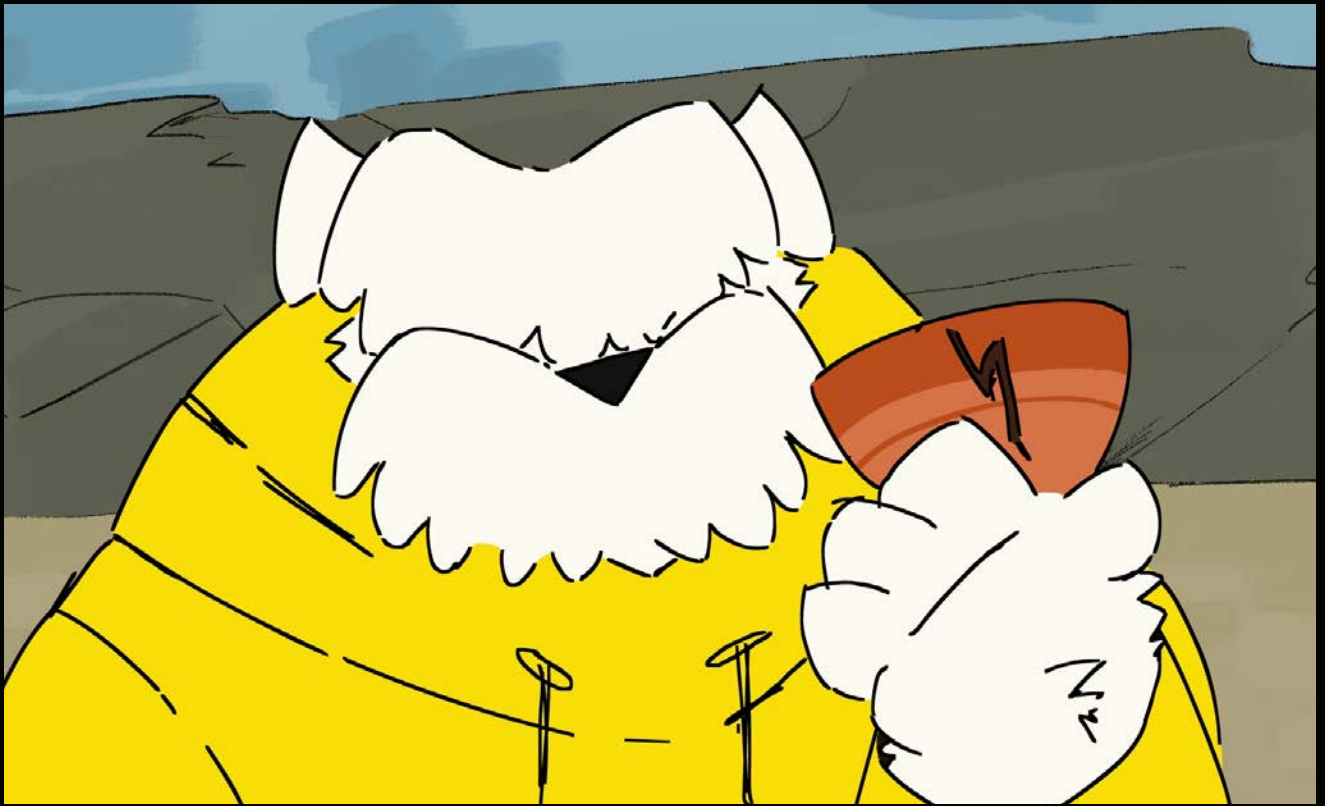
EVIE TAYLOR-CONSTABLE

COBURG HIGH SCHOOL, COBURG, WURUNDJERI COUNTRY

Beachcomber Blues

Romantic drama, 2min 53sec

In this animation, an old dog searches a beach to find a seashell to gift his husband. However, he is impeded by slowly worsening weather as a storm threatens to sabotage his search. Motivated by his memory and love for his husband, he carries on undeterred until he finally finds the perfect shell.
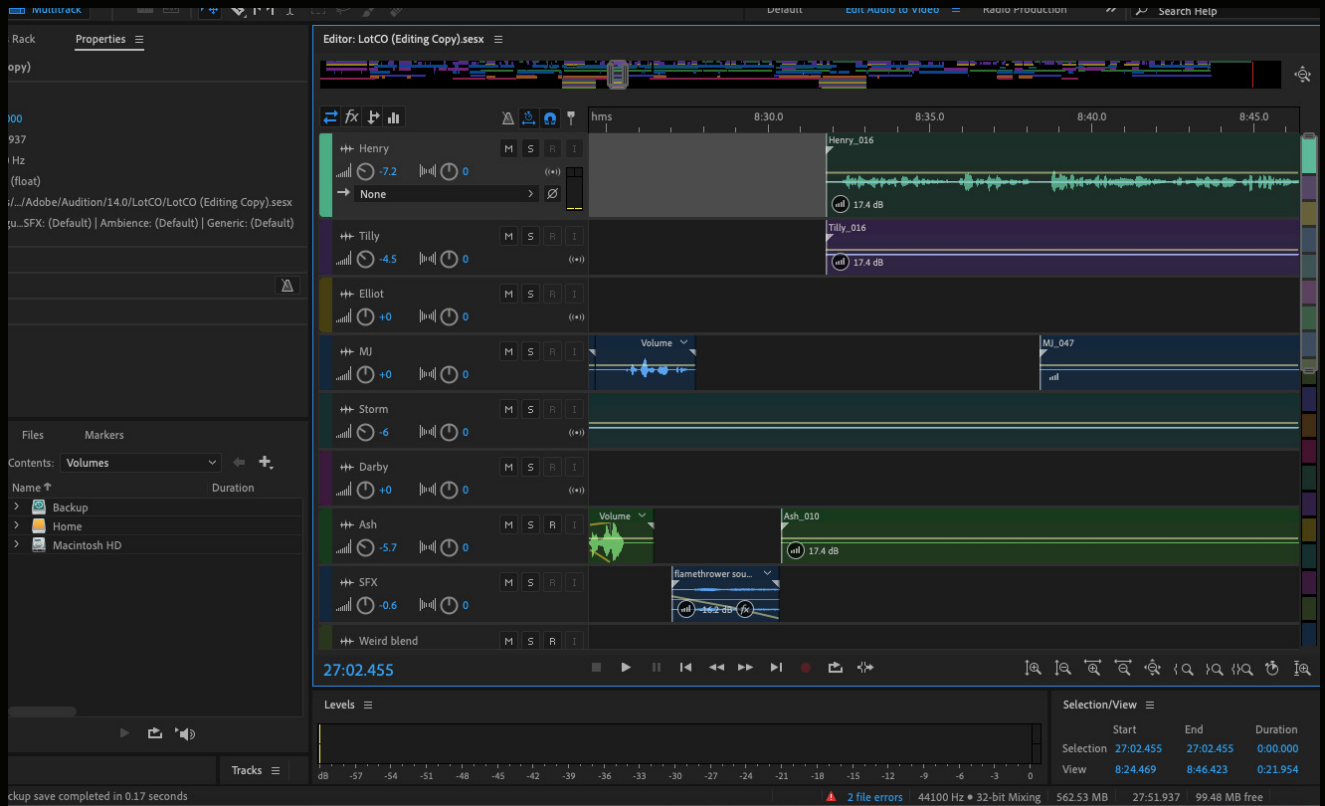
XAVIERE WEIS

NORTHCOTE HIGH SCHOOL, NORTHCOTE, WURUNDJERI COUNTRY

Sensory Memory

Indie, 4min 15sec

This music video explores themes of self-expression, friendship, the pursuit of happiness and joy. It follows two young women adventuring through the city and countryside, celebrating the magic of female friendships.

Listen on SoundCloud

LACHLAN WHATMAN

SAINT IGNATIUS, DRYSDALE, WADAWURRUNG COUNTRY

Legend of the Chosen One

Audio Drama, 27 mins

The idea for *Legend of the Chosen One* came from an interest in voice acting and the fantasy genre. Knowing the limitations of my resources and the visual demands of fantasy as a genre, I decided that an audio drama would force the audience to use their imagination for the visual aspect. The sound alone aims to evoke a fantastical world. The inspiration for my comedic, satirical approach came from a boredom with overused fantasy tropes. I have attempted to highlight the unconvincing logic that appears in a lot of mainstream fantasy media. My jovial mockery of this media form comes from a place of love because the fantasy genre holds a very special place in my heart.

CALLISTA KOSASIH

WAVERLEY CHRISTIAN COLLEGE, NARRE WARREN SOUTH, BUNURONG COUNTRY

Strings Attached

Inkjet print, yarn

Strings Attached is a series of twelve photographs that represent the universal connection of emotions and how they interact and bind with one another. The red yarn resembles the veins and vitality of emotions as they attach themselves onto the individuals in the photographs.Exploring how deep-rooted connections manifest between people and emotions, I invite my audience to reflect on the images and their own emotional experiences.

PRODUCT DESIGN & TECHNOLOGY

Product design responds to ever-changing needs and aims to improve lives through the design of creative, innovative and sustainable physical products. For VCE Product Design and Technology, students formulate a design brief that addresses a personal, local or global need, problem or opportunity. This is then investigated to create an end user profile and informed by research to aid the development of a solution.

The solutions on display demonstrate an understanding of a range of materials, processes, tools and equipment. Their folios reflect a consideration of various product design factors and application of critical and creative thinking throughout the process.

ISABELLA DONAT

VIRTUAL SCHOOL VICTORIA, THORNBURY, WURUNDJERI COUNTRY
MENTONE GIRLS' SECONDARY COLLEGE, MENTONE, BUNURONG COUNTRY

The Warmth of Water

deadstock wool (82% wool, 18% mohair), satin

In creating this product, I set out to create a coat that had warmth at the forefront of its design. I was inspired by reflections of the sun in the ocean and these colours have been incorporated into the lining of the coat. This concept led to the name *The Warmth of Water*, a garment that combines function and fashion and keeps the user warm all through winter.

The design takes inspiration from 1960's design aesthetics and features a hood and welt pockets to suit Melbourne's unpredictable weather.

IVANA DONNAN

MARIAN COLLEGE, ARARAT, EASTERN MAAR COUNTRY

Egg Bus

polypropylene mesh, vinyl, snap fasteners, pop rivets, buckle clips, cotton heading tape

Egg Bus was created after many treacherous journeys back from the chicken coop. Numerous eggs were lost in a dangerous balancing act, prompting a need for a safe, durable and reliable way to carry eggs. By utilising locally sourced, recycled truck tarp and fly-screen, *Egg Bus* provides rural chicken owners with a sustainable solution that cares for the environment, and in turn their feathered friends! With a modular design and easy-to-clean mesh base, *Egg Bus* is accessible to a variety of chicken owners.

GRACE LUCAS
NORTHCOTE HIGH SCHOOL, NORTHCOTE, WURUNDJERI COUNTRY

Blaze Guard

cotton, satin, Velcro, polyester tape, LED lighting

My design brief was developed to address the concerns of parents living in fire-prone areas, regarding their children's safety in emergency situations. My garment was designed to have a completely fire-retardant outer shell to give children's heads and vital organs full protection. The front of the garment is lined with quick-fastening Velcro that children can easily manage themselves. LED lights allow the product to be seen in low lighting, while simultaneously making the jacket more visually appealing for the child given the conditions of its use are confronting.

SHAHLA PAYNTER
ELTHAM HIGH SCHOOL, ELTHAM, WURUNDJERI COUNTRY

Eco-friendly Evening Wear

cotton, linen, wood, recycled fibre, yarn

The fashion industry is the 'second most polluting industry on the planet' (Vogue, 2021), with more than 60% of all clothes made annually being discarded. In a society that disposes of clothing so frequently, more sustainable options for the industry are necessary. My design problem focused on fast fashion waste, and I designed an eco-friendly evening wear garment to address this issue. The process involved sourcing environmentally friendly materials, with the aim of producing an entirely biodegradable garment.

NOAH ABDELMALAK

CAREY BAPTIST GRAMMAR SCHOOL, KEW, WURUNDJERI COUNTRY

Designer's Toolbox

American maple, pine, rattan, canvas, felt, PLA, macrame rope

My design brief highlighted the need for a product that stored art and design equipment in a way that extended its life, reduced the cost of broken tools and minimised environmental impact. By championing quality and minimalism, and inspired by the Japanese bento box, the Designer's Toolbox provides ample storage while still catering for the bespoke equipment used by different creatives. My product combines functionality with an aesthetic that favours clean lines and curves.
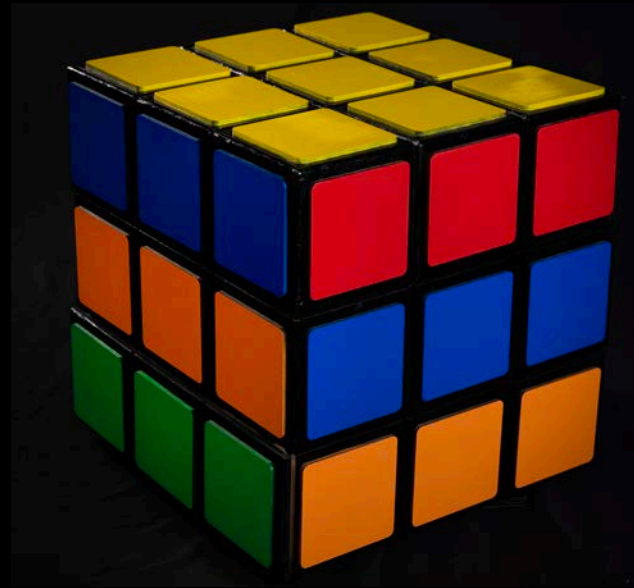
HARRISON CARR

CAREY BAPTIST GRAMMAR SCHOOL, KEW, WURUNDJERI COUNTRY

Children's Rotating Drawers

plywood, aluminium, paint, magnets

With space becoming increasingly restricted in hospitals, children find themselves recovering in smaller and less appealing rooms after procedures. In producing this storage cube, I aimed to improve the experience for children in hospitals. I conducted research to understand what children desired and required in a hospital room, and what would make them feel most at home. This unique design offers optimal storage styles and functional features to engage a younger audience.

JADE LEAHY

STRATHMORE SECONDARY COLLEGE, STRATHMORE, WURUNDJERI COUNTRY

Family Games Table

recycled Tasmanian oak floorboards, plywood, recycled pine, fabric, Velcro

During the 2020 Melbourne lockdowns, many families spent their days trying to reconnect through playing board and card games. This table is designed to function as an everyday surface for busy families, while providing an area to play games on. The unique design allows for games to be continuously paused by putting the lid back on top of the multifunctional table and resumed when ready.
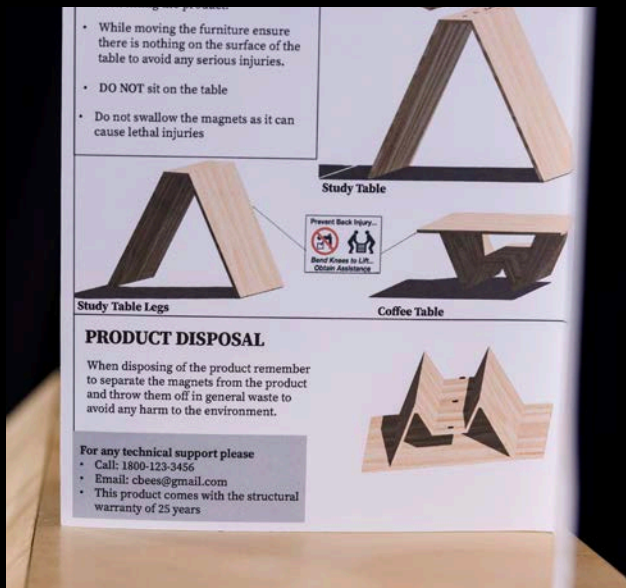
SHOBHIT MEHRA

STRATHMORE SECONDARY COLLEGE, STRATHMORE, WURUNDJERI COUNTRY

Multipurpose Furniture

plywood timber, wood safe glue, screws, wood biscuits, veneer, magnets

With housing rental rates rising, many people are now opting to live in smaller apartments. This has resulted in a widespread need for multipurpose furniture. In creating this product, I undertook research into similar, existing products and decided to incorporate the three most common types of furniture found in a small apartment: the dining table, coffee table and desk. Scandinavian design elements were incorporated to give the product a minimalist yet contemporary look and appeal to its intended target audience of young adults aged 18–30.

MARLO MORTON
WESLEY COLLEGE, ST KILDA, BUNURONG COUNTRY

Disassembling Indoor Planter

cypress timber, annealed glass, galvanised steel, magnets, copper pipe

Our increasingly busy lives leave little time for plant lovers to properly care for their plants. In creating this product, I set out to design a planter that would meet the requirements of particular plants over extended periods, by reducing the time required for maintenance by plant owners. I achieved this by creating a water reservoir and enclosed design that provides optimal water retention. Because this requires significantly less watering, I was able to meet the time-saving goal I set out to achieve.

SYSTEMS ENGINEERING

Luke Bouwmeester

Viran Dhanapala

Callum Gigliotti

David Naguib

Terry Prendergast

Siddharth Shrivastava

Luke Tan

Mechanical and electrotechnological systems used in homes and industry have significant effects on society and the environment. VCE Systems Engineering applies innovative thinking and problem-solving skills to technologies in ways that transform people's lives.

Students design, construct and assemble an integrated and controlled aspect of an operational system, using mechanical and electrotechnological components. They create a solution for a system-based problem, need, opportunity or situation by applying technological, mathematical and scientific principles. Production activities are planned and recorded, and then testing and evaluation occurs. Systems on display reflect creative thinking and technical skills.
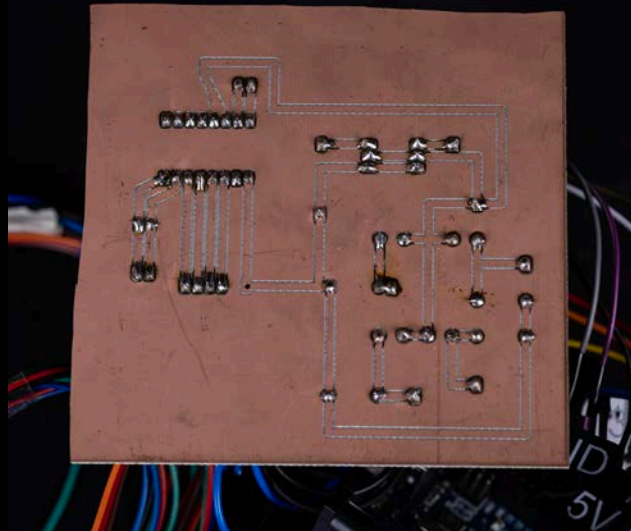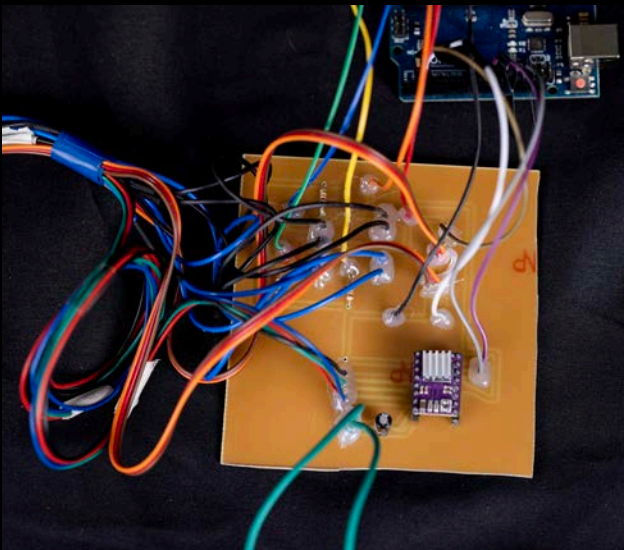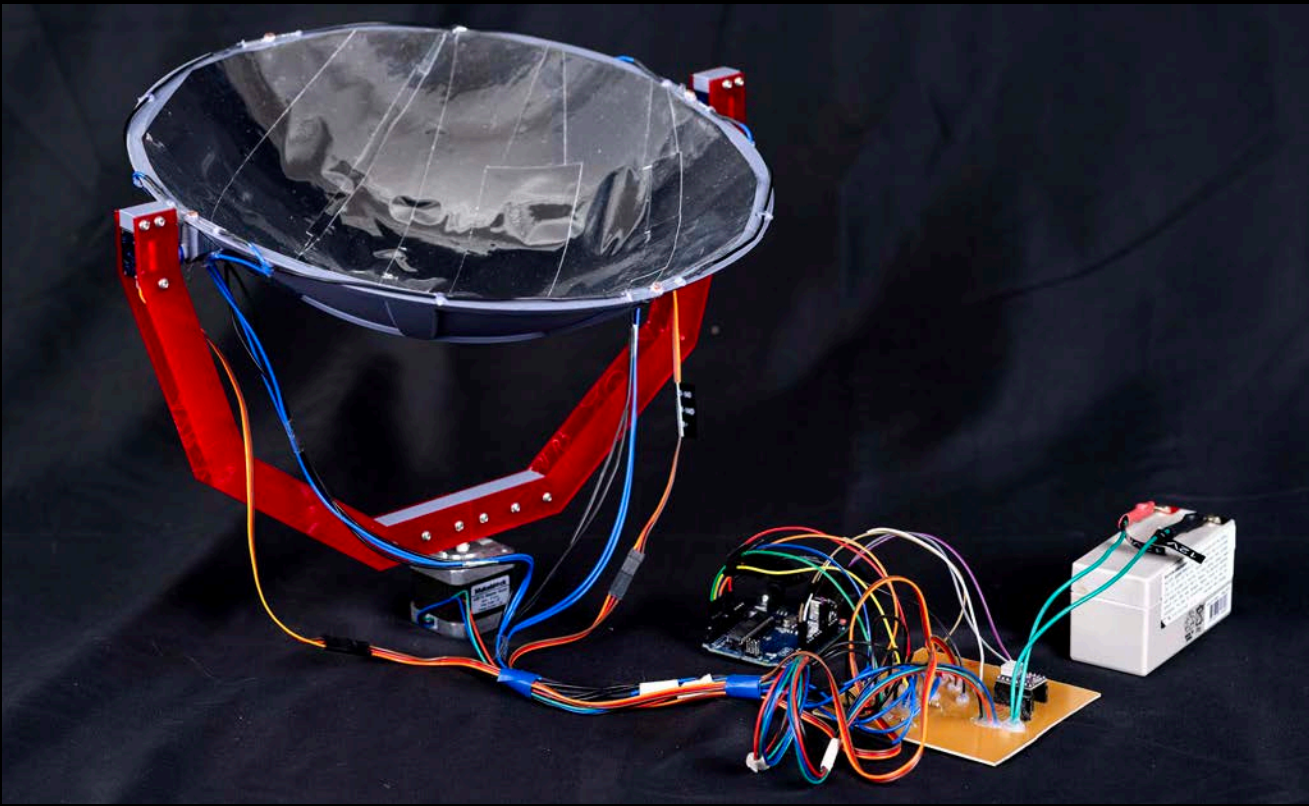
LUKE BOUWMEESTER

PADUA COLLEGE, MORNINGTON, BUNURONG COUNTRY

Solar Tracking Parabolic Mirror

laser cut acrylic frame, 3D printed PLA plastic dish and brackets, light-dependent resistors, stepper motor and driver, micro servos, Arduino Uno micro-controller, custom-made CNC circuit board

To maximise heating efficiency, I have built a system that concentrates solar heat toward a focal point to heat mass. I intended to run a pipe over the mirror, to reflect the sun and heat water before entering the gas heater. As a result, this would lower my gas bills and greenhouse emissions. I used light dependent resistors to detect the sun, together with an Arduino to control micro servos and a stepper motor for the tracking and movement system. I incorporated these components together with laser cut acrylic and 3D printed brackets.
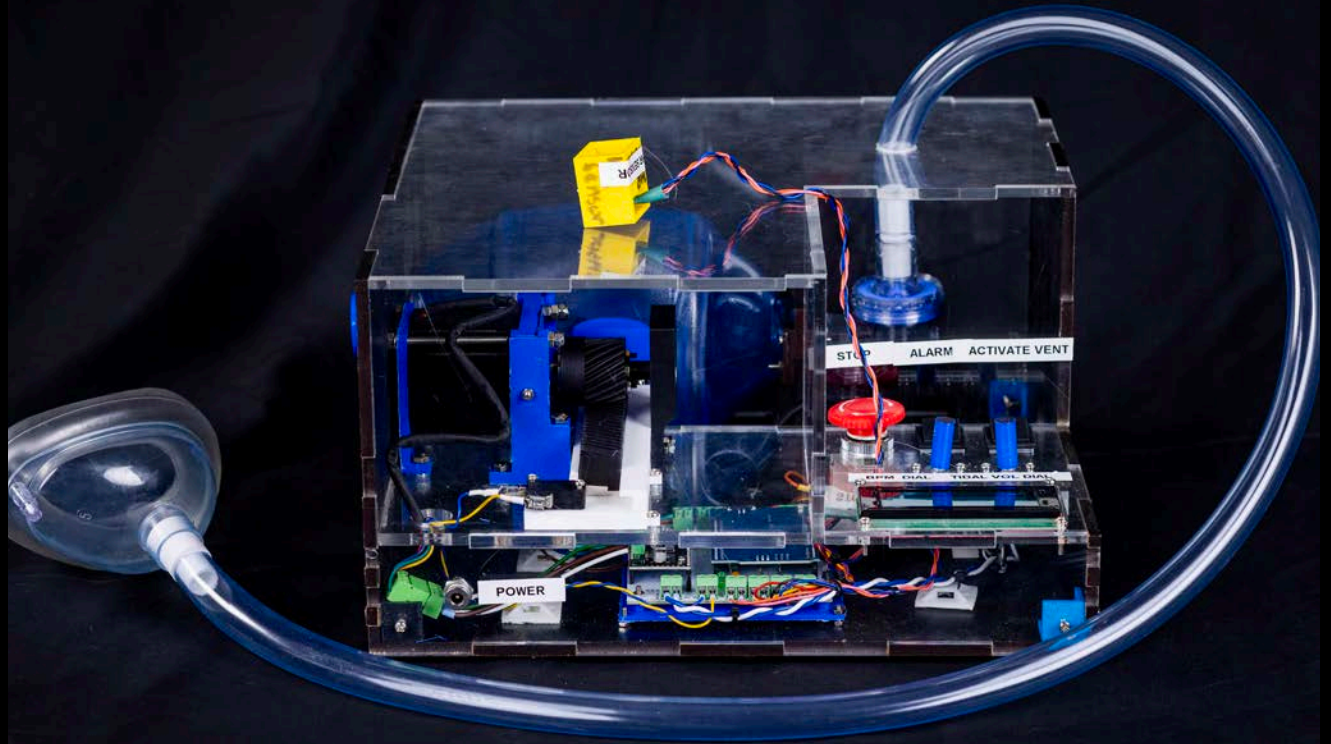
VIRAN DHANAPALA

GIRTON GRAMMAR SCHOOL, BENDIGO, DJA DJA WURRUNG COUNTRY

Low-cost COVID-19 Ventilator

laser cut acrylic and MDF panels, 3D printed rack and pinion, Arduino Uno, stepper motor, HR sensor, stepper motor driver, LCD display, emergency button, Ambu bag, custom PCB

I have designed an integrated system to automate the provision of ventilation, which would otherwise be issued through hand-held Ambu bag compression by healthcare workers. The automation of this intensive procedure decreases worker fatigue, and the low cost allows for provision in developing countries. The Arduino (control center) utilises user set inputs (tidal volume and Breaths Per Minute) along with an algorithm to determine the frequency of the pulses sent to the stepper motor. The motor drives a rack and pinion to compress the Ambu bag.
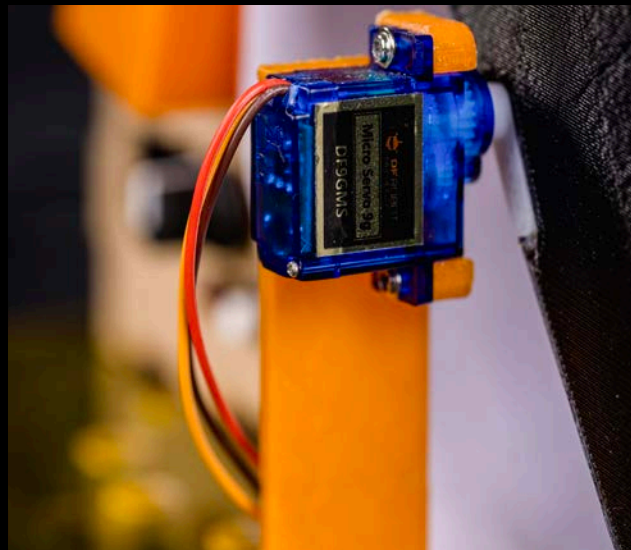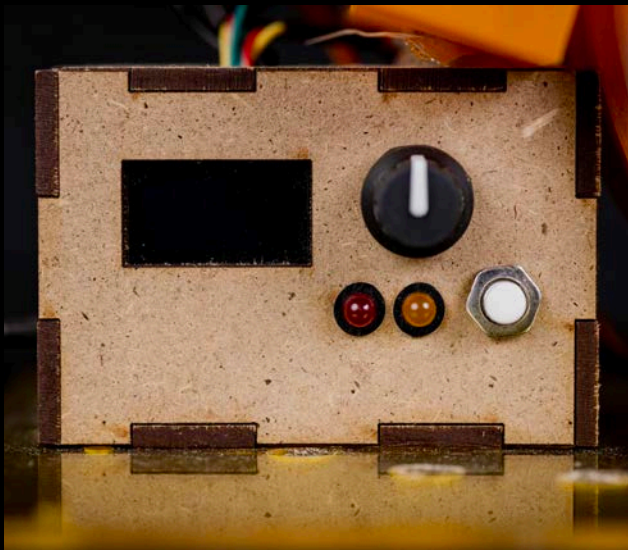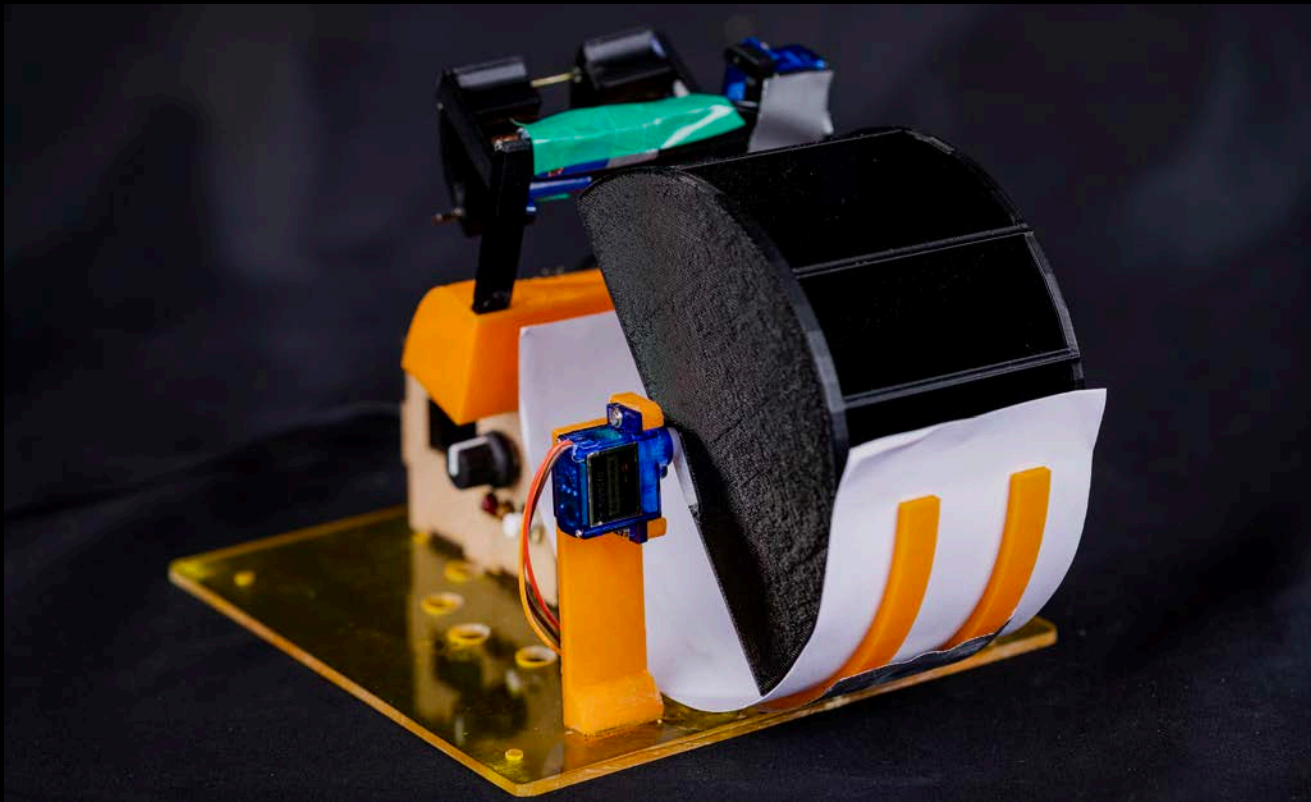
CALLUM GIGLIOTTI

VIEWBANK COLLEGE, VIEWBANK, WURUNDJERI COUNTRY

The Resistor Sorter

PLA, MDF, Raspberry Pi Pico, SG90 servo motors, OLED display, rotary encoder, LEDs, recycled 3mm acrylic sheet

I have developed a controlled electromechanical system that automatically sorts resistors by their values. With only a small current through the resistors and a simple voltage divider circuit, the closed loop system calculates the value of the resistors, with a tolerance of roughly 2 per cent, before dropping them into the output slot associated with their value. The system also features an OLED display and basic user interface so the user can choose which slots correspond to what resistor values/ranges.
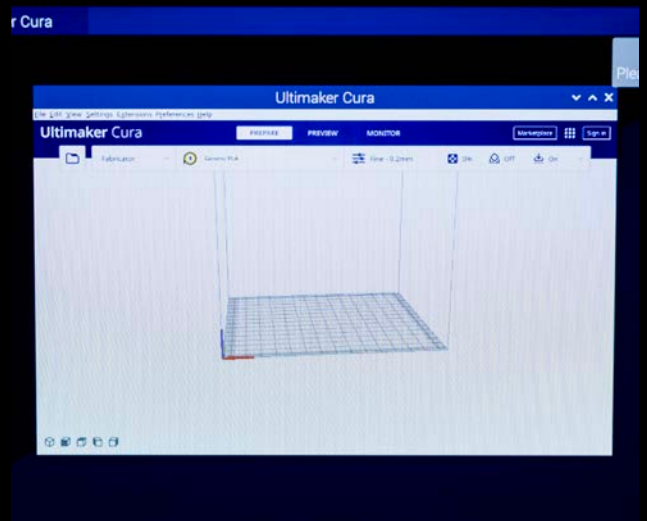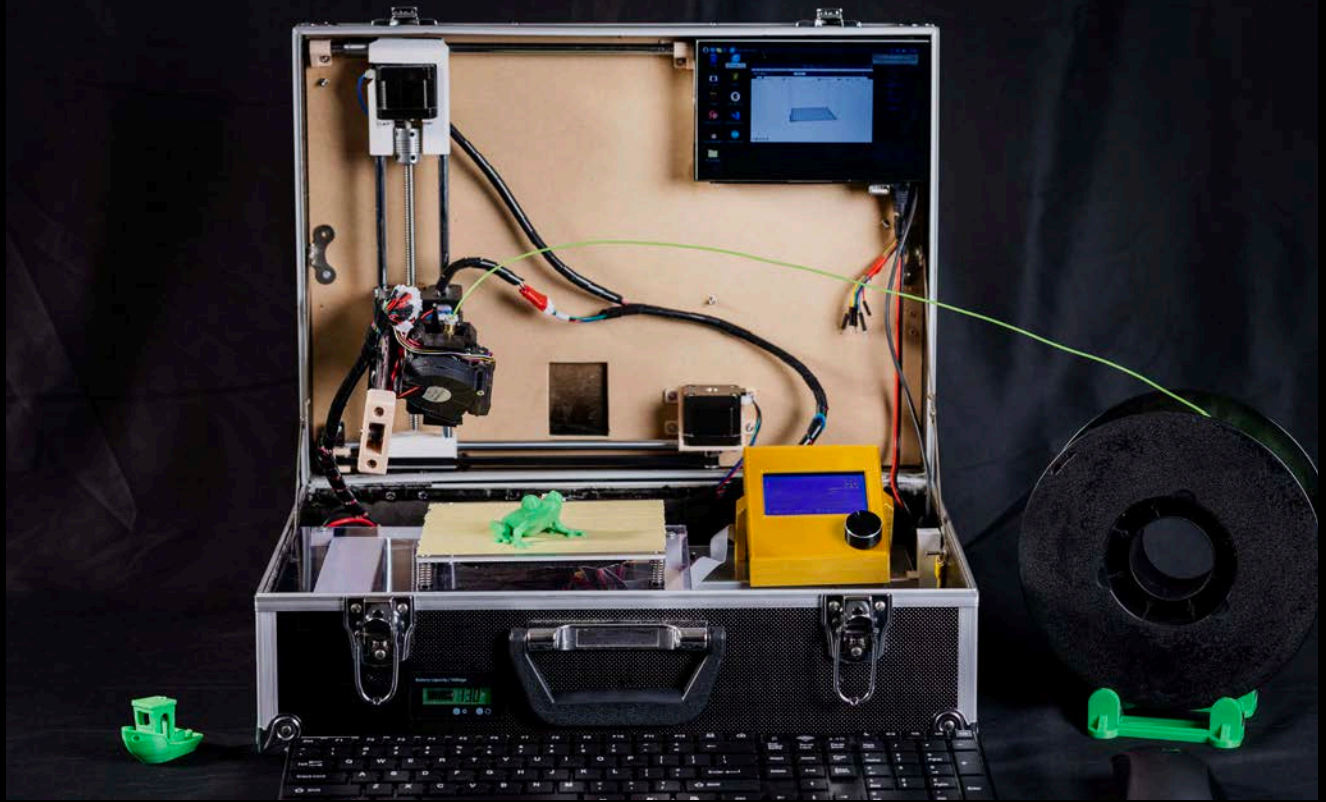
DAVID NAGUIB

ST MONICA'S COLLEGE, EPPING, WURUNDJERI COUNTRY

The Fabricator 3D

PLA plastic, MDF, steel rods, stepper motors, 12V battery, AC UPS power supply, Raspberry Pi 4B, touchscreen, acrylic, copper wiring, SKR MINI E3 V3 mainboard, printer, aluminum heated bed LCD screen, accelerometer, BIQU H2 extruder, BLTouch leveling sensor

I have created a portable additive manufacturing machine that is able to 3D print and perform rapid prototyping anywhere needed. This machine incorporates an integrated UPS system with a large Lifepo4 battery, allowing for continuous printing even through power outages. The machine is also able to fold its Y gantry and allow the suitcase to close for easy transportation. The latest Raspberry Pi is also integrated, allowing for wireless printing and automation for ease of use.
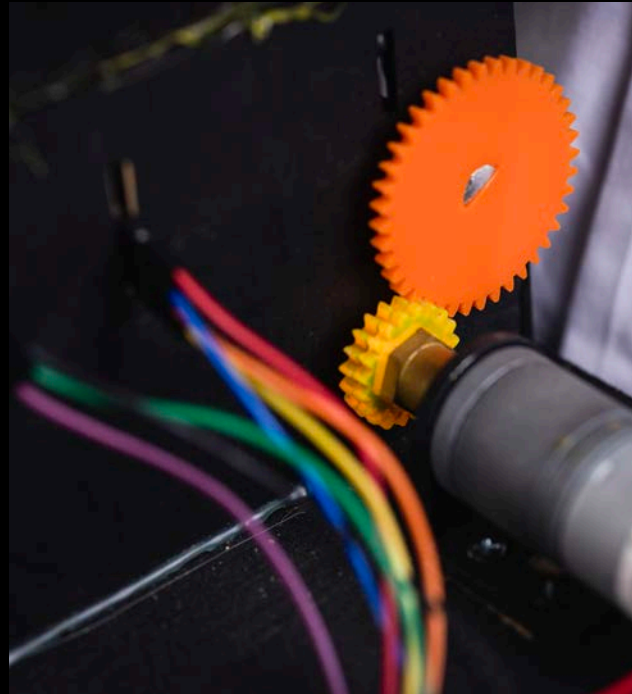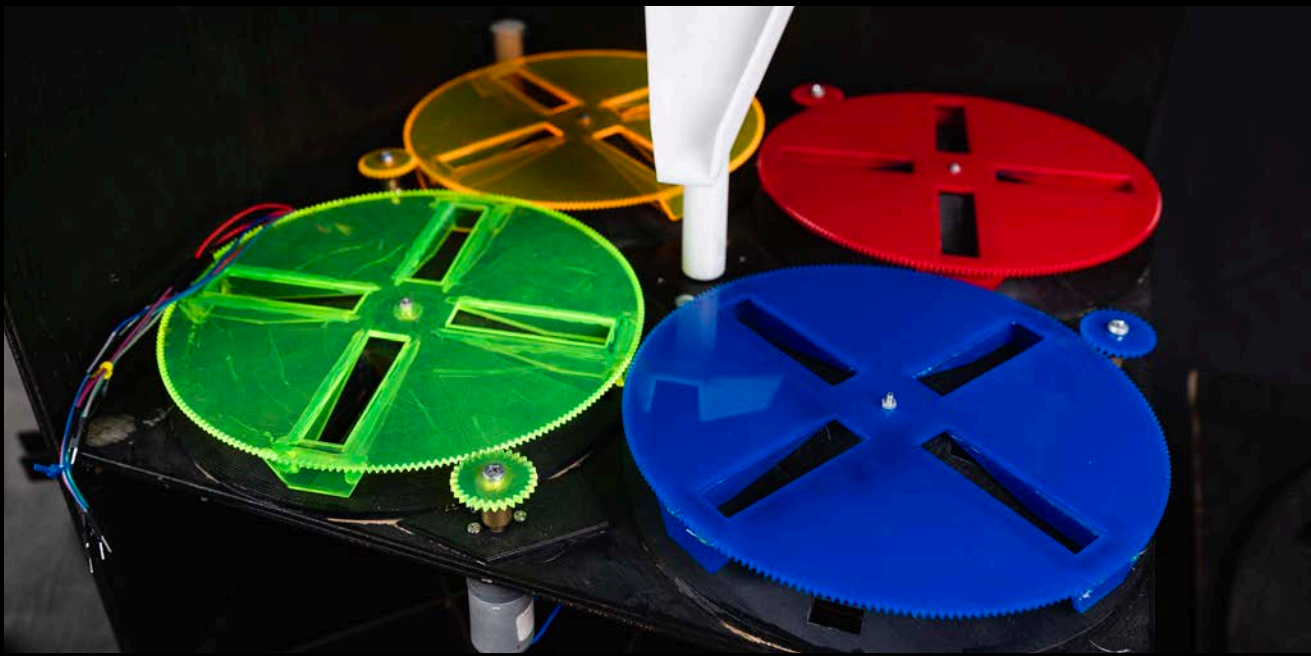
TERRY PRENDERGAST

BEACONHILLS COLLEGE, PAKENHAM, BUNURONG COUNTRY

LEGO Sorter

plywood, stepper and DC Motors, laser cut ply and acrylic guides, 3D printed parts, Arduino, colour sensor, stepper motor driver, wiring, hot glue

I have created an automated LEGO sorter that can sort four different colours and four different sizes. It sorts by colour by electronically using a colour sensor and stepper motor to separate the individual pieces. It sorts by size by mechanically driving the pieces over differently sized holes until they fall through. The sorter can also autonomously align all the bricks and separates the results out into sixteen different bins.
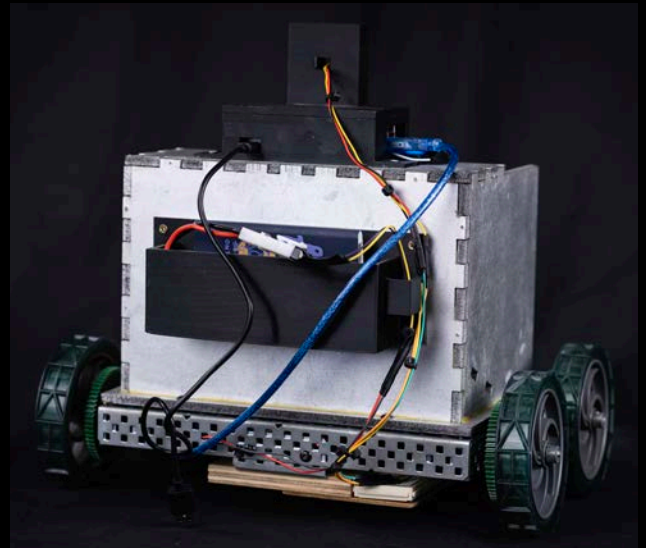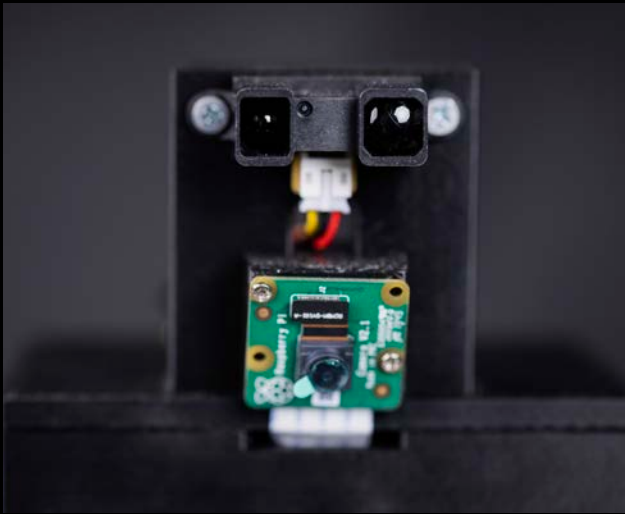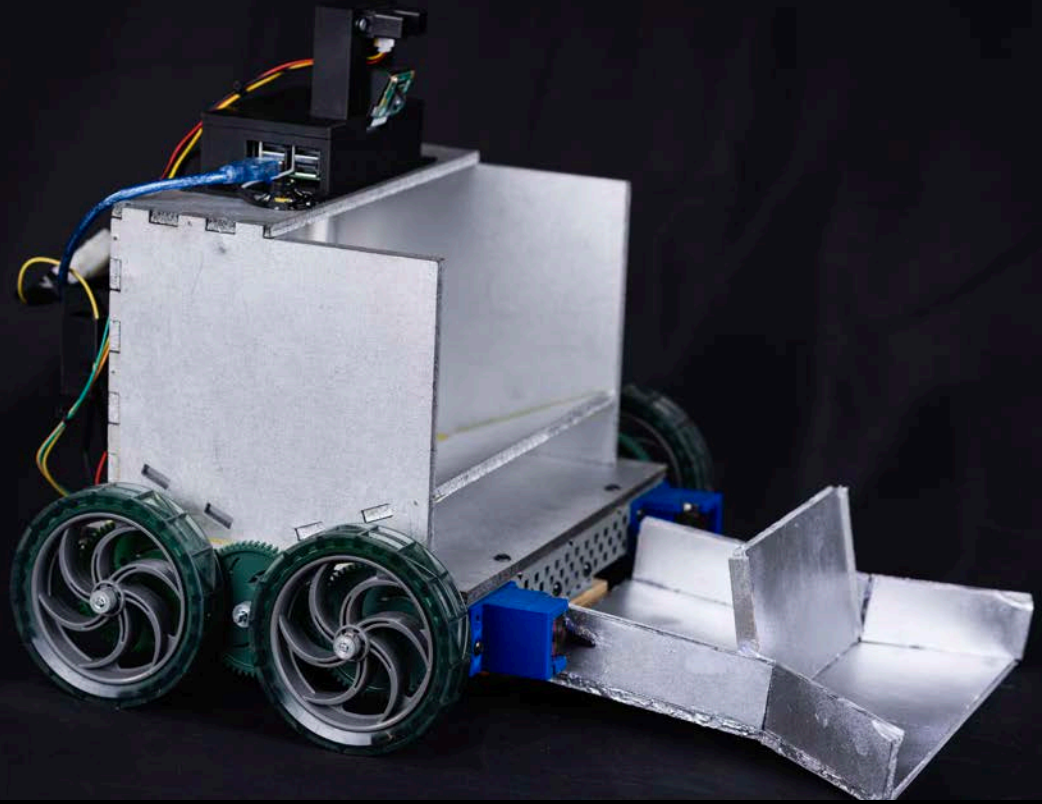
SIDDHARTH SHRIVASTAVA

OBERON HIGH SCHOOL, ARMSTRONG CREEK, WADAWURRUNG COUNTRY

Autonomous Litter Collecting Robot

Raspberry Pi 3 Model B, Arduino Uno, Pi camera module, DC motors, servo motors, IR distance sensor module, wheels, gears, NiMH battery, power bank battery, motor driver, PLA 3D printed components, laser cut wooden components

I have produced a system that uses object detection to autonomously collect litter from its surroundings. It uses a Raspberry Pi board to identify pieces of litter and an Arduino board to control the collection and drive subsystems. A rotating tray is used to lift the pieces of litter and deposit them into a storage compartment. The robot is programmed to actively search its surroundings for litter, during which it can identify items and avoid obstructions using a distance sensor.
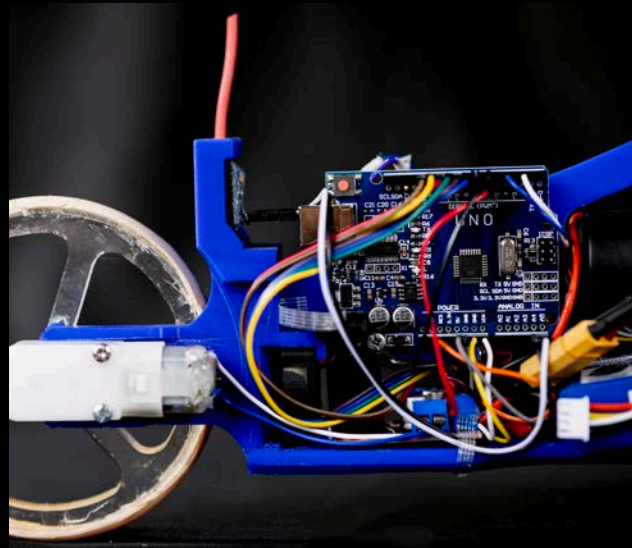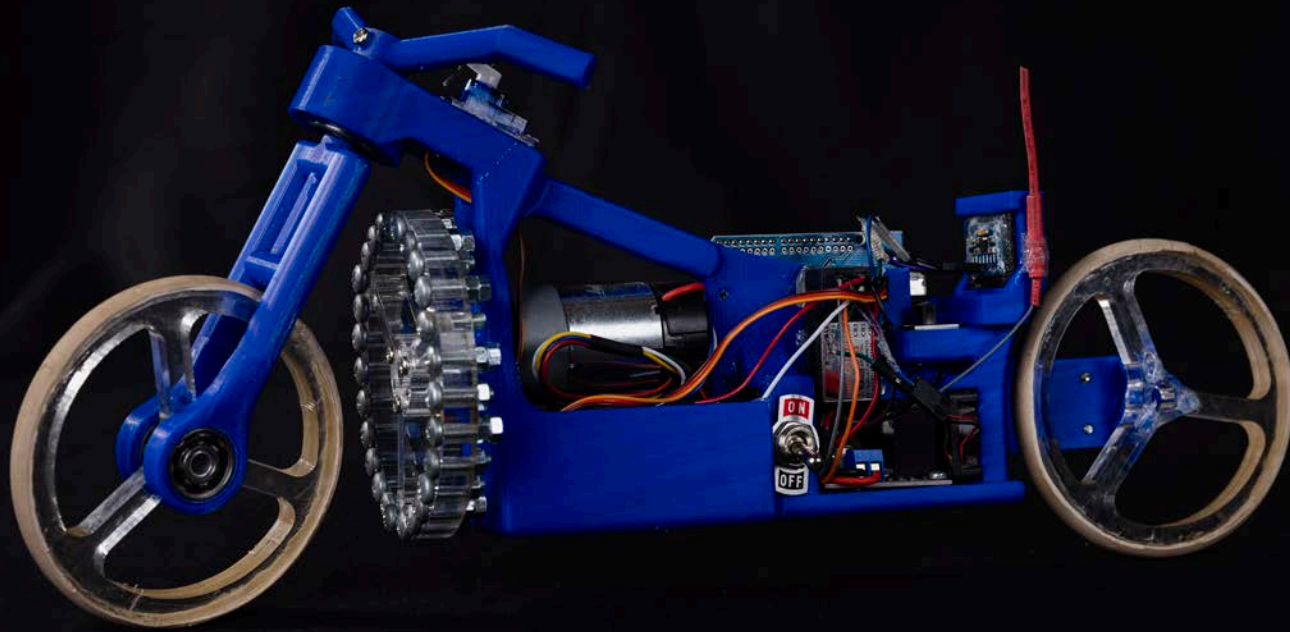
LUKE TAN

BALLARAT GRAMMAR, LAKE WENDOUREE, WADAWURRUNG COUNTRY

Self-balancing Motorbike

gyroscope, accelerometer, 3D printed frame, Arduino, acrylic flywheel, motors, motor driver, acrylic wheels, Lipo battery, servo, receiver and transmitter

I have created an entirely self-balancing motorbike. The motorbike uses a gyroscope and accelerometer with a data filter to determine its position. It then utilises a variable set-point PID (Proportional Integral Derivative) control system to calculate how fast, and in what direction, to spin the flywheel. The flywheel, which is connected to a geared DC motor, creates a balancing torque in the direction needed to remain upright.

VISUAL COMMUNICATION DESIGN

Meishan Guo

Alexandra Jacobson

Sasha Joe

Emily Knight

Chiara Lestino

Aidan Maher

William May

Katja Medd

Eloise Roberts

Emma Simmonds

Candice (Tangtang) Sun

Asha M Surujpal

Siena Tieri

Felice Todd

Tiffany Vuong

Visual designers create and communicate through visual means to influence everyday life for individuals and communities. VCE Visual Communication Design examines the ways visual languages can convey ideas and information in the fields of communication and environmental and industrial design. The study relies on drawing as the primary component of visual language to support the conception and visualisation of ideas.

The selected works demonstrate design processes that employ critical, creative and reflective thinking. Students have developed their visual communication presentations through the selection and manipulation of design elements, media, materials and methods. These works have been shaped by considerations of aesthetics and functionality, alongside social, cultural, environmental and economic factors.

MEISHAN GUO
MCKINNON SECONDARY COLLEGE, MCKINNON, BUNURONG COUNTRY

Tuffy

Children's book Inkjet print, paperboard, paper
Phone application presentation board Inkjet print, paper, foam board

Human Welfare required a pet-based picture book and phone application for children aged 6–12 and young adults aged 13–23. A character presentation board was also required to welcome and engage their customers. The simple illustrations and soothing colours evoke a sense of calm, ensuring a relaxed user experience. This aligns with the brand's goal of promoting ways to manage stress and raising awareness of mental health issues.

ALEXANDRA JACOBSON

ROSEHILL SECONDARY COLLEGE, NIDDRIE, WURUNDJERI COUNTRY

Sprout Restaurant

Sprout branding and merchandise Inkjet print, craft paper, coffee cup, bamboo container, bamboo cutlery, t-shirt, tote bag

'Simply Food' book cover design Inkjet print, paper

Sprout has an organic and food-focused philosophy. Fresh, organic, natural flavours are at the centre of every meal. This concept carries through the cohesive branding experience including logo, style guide and restaurant-related merchandise. Customers are inspired to bring the experience and recipes of Sprout home through the 'Simply Food' cookbook. The naturally vibrant colours of fresh food are emphasised through vivid cross-sections, creating a unique and eye-catching book cover that intends to capture the essence of the delectable recipes within.
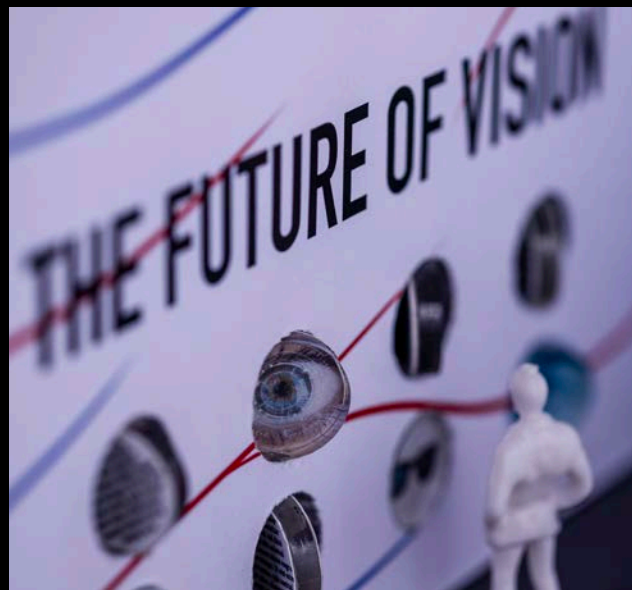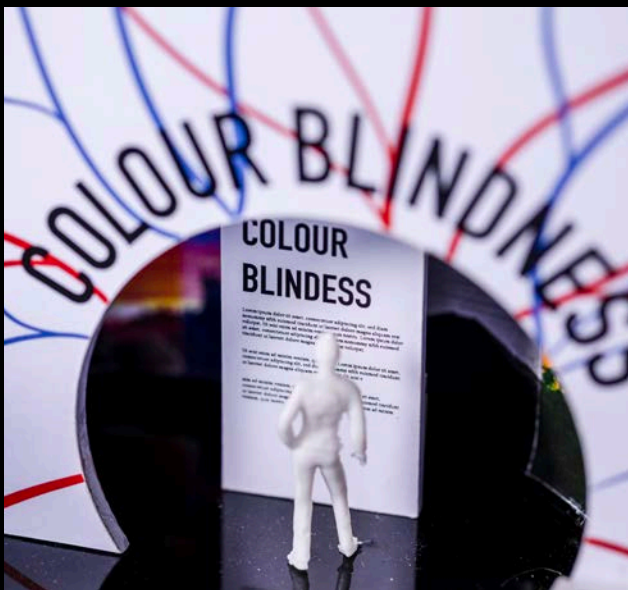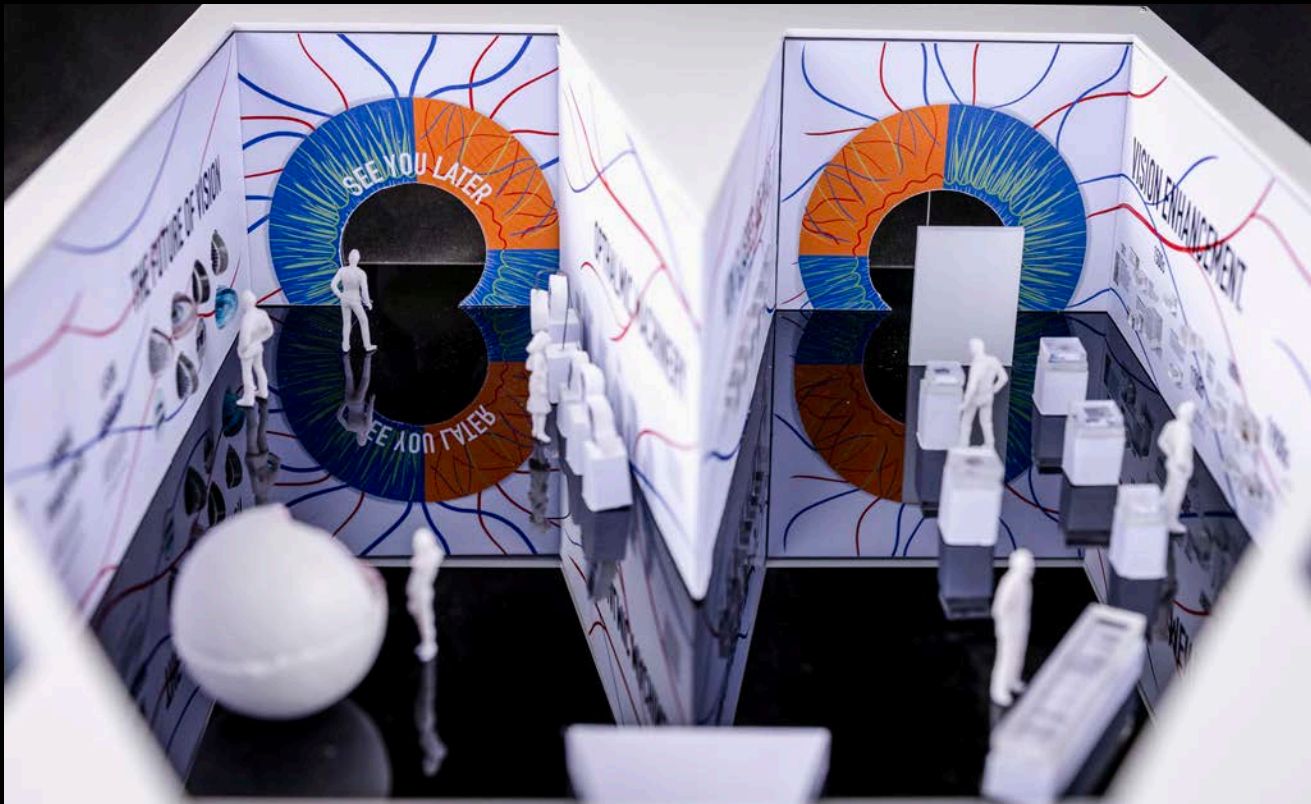
SASHA JOE
LAURISTON GIRLS' SCHOOL, ARMADALE, WURUNDJERI COUNTRY

Videre Exhibition

Videre Exhibition architectural model acrylic sheets, paper, laser jet print, foam core, polystyrene

Videre Exhibition promotional material paper, block printing ink, inkjet print

The client, *Tech Through Time*, required promotional material and a design for an interactive exhibition focusing on the history of vision enhancement. Targeted towards teenagers and young adults, the promotional material combines both digital and manual methods to celebrate the intersection of science and creative processes. The exhibition layout draws inspiration from the way in which we see the world, allowing visitors to move through the space as if they were light entering the human eye.

EMILY KNIGHT

YARRA VALLEY GRAMMAR, RINGWOOD, WURUNDJERI COUNTRY

KENKŌ

Brand logo and promotional set Inkjet print, card, paper, sticker paper

Can packaging and box Inkjet print, paper, sticker paper, clear plastic cans

KENKŌ is a brand that creates organic, naturally brewed kombucha. They required a logo and promotional material that included a poster, coaster, stickers and shelf wobbler for their store. It was important that a consistent, minimalistic aesthetic was maintained to reinforce the brand identity. KENKŌ also required designs for three separate kombucha flavours. These are displayed on clear cans to create a unique point of difference for the brand. A consistent aesthetic is maintained across all designs, including a packaging box, by using mountain illustrations throughout.
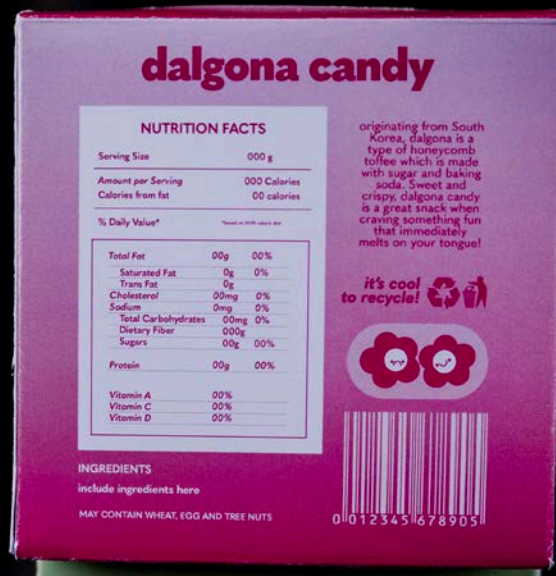
CHIARA LESTINO

GALEN CATHOLIC COLLEGE, WANGARATTA, YORTA YORTA COUNTRY

Kobuko Dessert Shop

Branding and packaging Inkjet print, card, paper
Display unit Inkjet print, paper

Kobuko is a new dessert shop and cafe located in Melbourne that sell a fusion of Filipino, Korean and Japanese desserts. They required a brand identity and packaging. Additionally, Kobuko required an engaging and memorable display unit that will encourage the sale of their products. A unique and emotive logo, with colours and playful shapes, creates a cohesive branding that can also be used throughout the shop interior.

AIDAN MAHER

RINGWOOD SECONDARY COLLEGE, RINGWOOD, WURUNDJERI COUNTRY

Urban Fringe

Branding, cheese packaging and serving board
Inkjet print, paper, laser etched acacia wood

Salt and pepper shakers 3D printed PLA and TPU, inkjet print, paper

The combined deli and café at Urban Fringe Dairy offers a unique reimagining of the traditional farmhouse experience. The branding utilises a modern minimalist aesthetic, incorporating geometric shapes that are reminiscent of artisan cheese forms. The salt and pepper shakers concept, consistent with the brand's focus on geometry, ensures that the cohesive branding experience extends all the way to the café table. Urban and rural meet in a magnetised, interlocking form that unites the bold shapes and flowing curves to produce an engaging yet functional design.
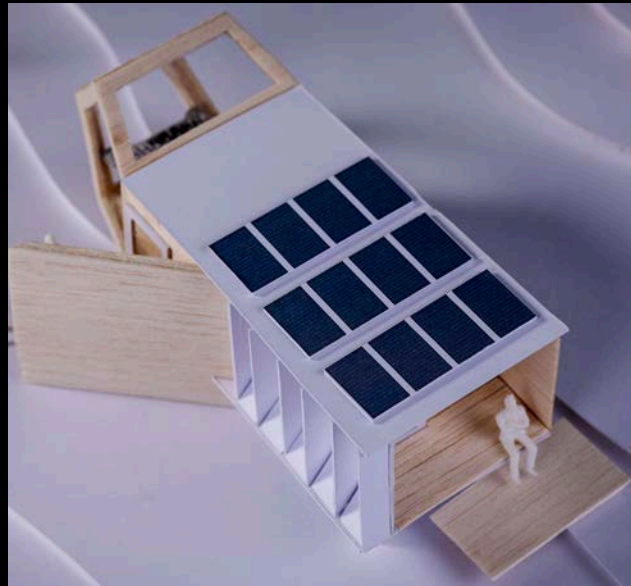
WILLIAM MAY

MARCELLIN COLLEGE, BULLEEN, WURUNDJERI COUNTRY

CANVAS pod

Brand identity and user guide foam core, inkjet print
CANVAS pod and scaled model balsa wood, card, inkjet print, foam core

CANVAS required the creation of a brand identity and environmental design for their ethically made pods, located across regional Victoria. The observatory-like design fully immerses guests in their surroundings and offers escape from the buzz of the city. The use of imagery, symbols and the colour navy in the branding and user guide link to the pod's context, reflecting the mission of CANVAS as a brand.

KATJA MEDD

BRIGHTON SECONDARY COLLEGE, BRIGHTON, BUNURONG COUNTRY

Möbel Ändern Shelves

Adaptable shelving system pine wood, PLA plastic
Instructions and packaging toner print, paper

Möbel furniture company required a unique, adaptable and easy-to-use shelving system, targeted at creative adults aged 25–50. Branded instructions and packaging were also required. The simple form and intuitive design allow users to be limited only by their own creativity.

ELOISE ROBERTS
IVANHOE GRAMMAR SCHOOL, IVANHOE, WURUNDJERI COUNTRY

The LightBox Community Stage Space

Stage space 3D model plywood, grout, tissue paper, wire, glue, LED lights

Promotional event poster and flyers with light business cards paper, card stock

The City of Port Philip Council required the design of an outdoor community stage space and advertisement for the opening night of an event targeted at the local residents of St Kilda. The space was expected to be inclusive, relaxing and versatile for different events, reflecting the context of St Kilda. The advertisement needed to work visually with the design of the stage space, using both type and graphics to effectively promote the event.

EMMA SIMMONDS

PADUA COLLEGE, MORNINGTON, BUNURONG COUNTRY

Evergreen Wander

Magazine Inkjet print, cartridge paper, book-binding tape, double-sided tape

Postcards Inkjet print, silk paper

Evergreen Wander is an independent Australian magazine business that releases monthly magazines with a range of accompanying promotional postcards. Evergreen Wander is focused on creating fun, inspirational articles that explore art, nature, travel and food. The postcards celebrate the unique imagery of artists, illustrators and designers who are featured in each magazine release.

CANDICE (TANGTANG) SUN

GENAZZANO FCJ COLLEGE, KEW, WURUNDJERI COUNTRY

Shame Away & W!LD

Shame Away mobile application and promotional video Inkjet print, satin paper, video

W!LD board game and packaging Inkjet print, satin paper, card, 3D printing

The not-for-profit organisation Femelle. power.org (FPO) recognises an increase in women experiencing low self-esteem and battling negative body image. FPO believes that this is the main factor influencing the mental wellbeing of women across Australia and wished to develop a mobile application and a board game to bring warmth to those in need. Their goal is to improve young women's confidence by promoting the value of self-esteem and raising awareness of young women's mental health within the broader community.

ASHA M SURUJPAL

HEATHDALE CHRISTIAN COLLEGE, HOPPERS CROSSING, BUNURONG COUNTRY

Theia & Helios

Logo, branding and accessible packaging for the visually impaired community Inkjet print, foam board

Accessible skincare bottles for the visually impaired community, including 3D model Cricut smart vinyl, inkjet print, foam board, TierTime UP300 3D printer, yellow ABS filament

Theia & Helios is an Australian skincare company that champions innovation, diversity, accessibility and inclusion. Their goal was to create an accessible skincare range for those in the vision-impaired community, regardless of their braille fluency, because only 10 per cent of vision-impaired people can read braille. This brief was fulfilled through the conscious inclusion of multiple touchpoints. Specifically, the braille, tactile step indicators and the QR-code-activated audible resources empower consumers to independently access products that make them feel confident, fresh and hygienic.
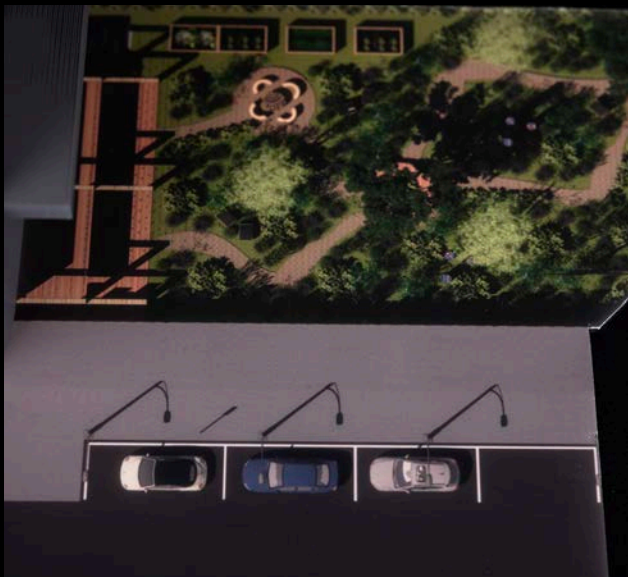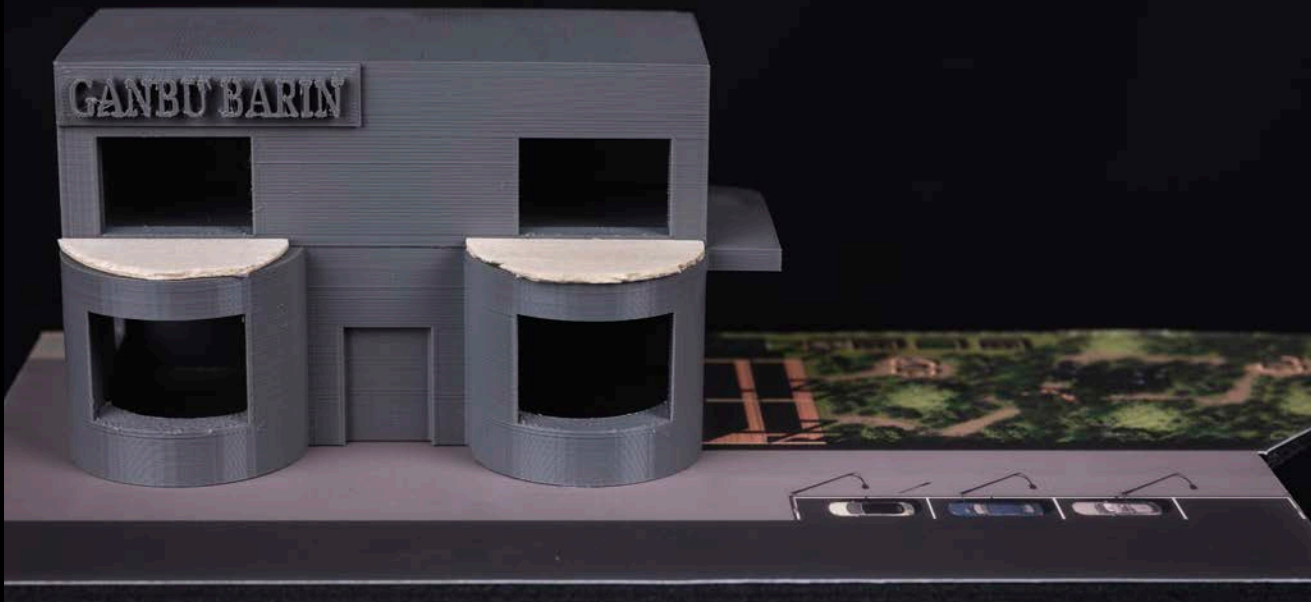
SIENA TIERI
GENAZZANO FCJ COLLEGE, KEW, WURUNDJERI COUNTRY

Ganbu Barin

Presentation board and 3D model Inkjet print, card, foam board, paint, plastic

Logo design, business card and clothing Inkjet print, paper, card, foam board, cotton

My Aboriginal heritage was my inspiration to create Ganbu Barin Community Arts Centre: a structure that captures Aboriginal culture, Country and community. Ganbu Barin encourages coming together to gather, yarn and respectfully engage with others on the Traditional Lands of the Wurundjeri people and celebrates the rich history and contribution of First Nations Peoples. The Art Centre consists of an information desk, gift store, kitchen, cafe, art studio, multi-purpose room and gallery/exhibition space.

FELICE TODD

AVILA COLLEGE, MOUNT WAVERLEY, WURUNDJERI COUNTRY

Artystree Art and Supply Brand

Logo identity, branding samples, and storage unit packaging Inkjet print, vinyl, pencil cases, plastic tin, paint brush, card, acetate, ribbon

Artystree storage unit card, vinyl, foam core, paper, leather, hinges, screws, wood

Artystree, a Melbourne-based art supplies company, required the development of a brand identity, applied to an array of products to promote the brand. The company's values of self-expression and sustainability were emphasised through the illustrations and implementation of selected design elements and principles. The second presentation, a transportable storage unit, uses lightweight card and celebrates the brand identity. This unit was designed to ensure optimal organisation and storage of art-related objects and materials.
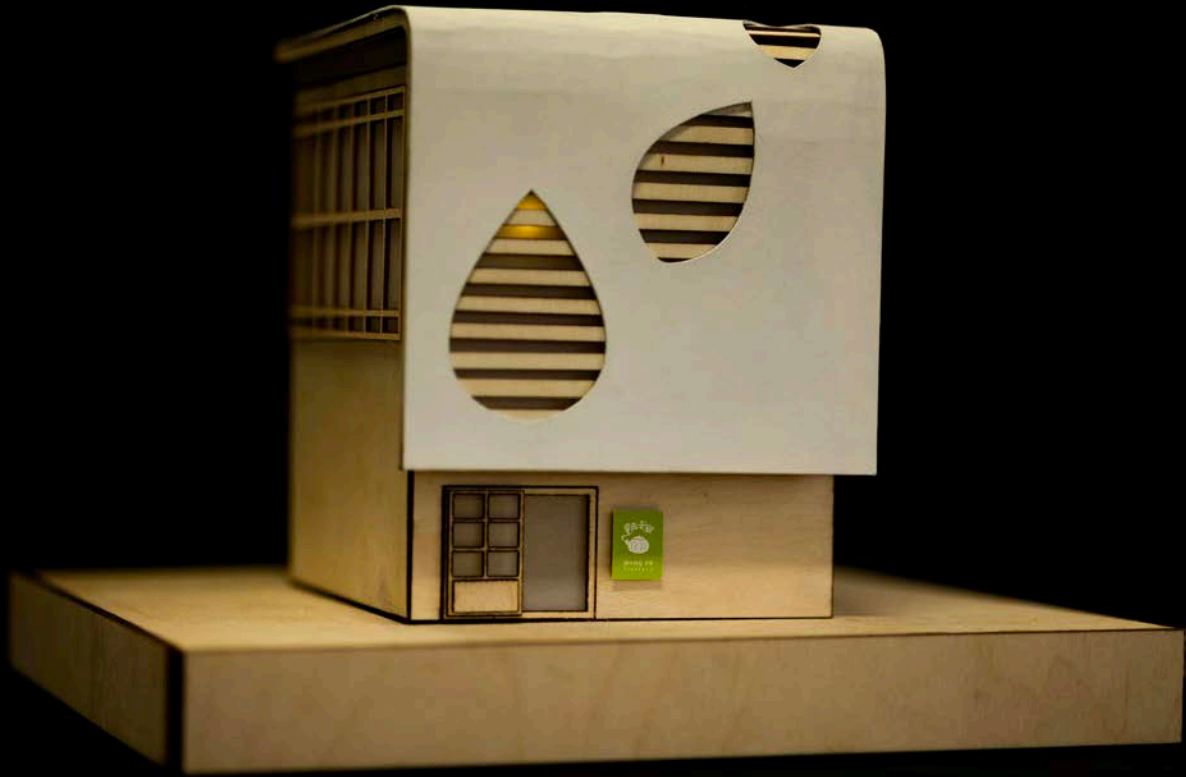
TIFFANY VUONG

MARIAN COLLEGE, SUNSHINE WEST, WURUNDJERI COUNTRY

Meng Yu Teahouse

Logo design presentation boards, packaging, business cards and merchandise Inkjet print, foam core, paper, plastic, card, canvas fabric

3D architectural model and presentation board Inkjet print, wood, paper, LED lighting, foam core

The Meng Yu Teahouse utilises the natural textures and colours of locally sourced wood to reflect its organic brand of cozy tea drinks and desserts. Originally from Taiwan, founder Wen Lee aspires to grow his brand by franchising internationally and sought to reimagine the logo and architectural design in the Melbourne store. Wen Lee intends to celebrate a new era that blends the beauty of traditional East-Asian architecture with contemporary Australian architectural styles. The brand identity is presented through a 3D model, presentation board and merchandise and packaging samples.

THEATRE STUDIES

Olivia Gearon

Max Vassallo La Rosa

Gemma Domingo

Ella Conroy

Grace Lew-Kee

Theatre as an artform has been integral to all cultures for millennia. In VCE Theatre Studies, students gain insight into the histories and rich possibilities of theatre through interpreting and producing scripts. One aspect of VCE Theatre Studies requires students to select a monologue from a prescribed list. They explore the contexts of that script, including the time, place, culture, playwright, theatrical style, language and intended meaning.

Students interpret the selected monologue, either through acting and direction or through two areas of design. The design areas include costume, props, makeup, set, lighting and sound. A selection of student design work is showcased in Top Designs.

Outstanding students who interpret their monologue through acting and direction are featured in the VCE Season of Excellence Top Class performances.

OLIVIA GEARON

**CAULFIELD GRAMMAR SCHOOL,
CAULFIELD, BUNURONG COUNTRY**

Patricia Highsmith (*Switzerland*, Joanna Murray-Smith)

Set and prop design bookcase, wood, chair, paper, fabric, books, paint, metal tray, fake flowers, cardboard box, tin can, peanut butter jar, typewriter, table, chair, Scotch bottle, cup, glass ashtray, photo frames, glue

The character of Patricia Highsmith is misanthropic and bigoted and has a disturbing fascination with murder and death. My dramaturgical research has revealed that Joanna Murray-Smith's inspiration for writing this play was to explore the 'darkness of the human psyche' that exists within Patricia. This inspired me to design Patricia's office as a metaphor for the inside of her mind. It is dark and imposing, much like Patricia's mental state after her difficult past and years of self-imposed isolation. The office is covered in books and clutter, depicting Patricia's affinity for literature, as well as her fascination with objects and ideas.

The set adheres to naturalist conventions, using realistic furniture and decorations. However, *Switzerland* also explores psychological themes, particularly the breakdown between fiction and reality. Therefore, I also chose to incorporate the non-naturalistic element of blood, which stains the books, as well as transformational theatre as the window changes.

The changing-window design symbolises the breakdown between fiction and reality through references to Patricia's previous works, including *The Talented Mr Ripley*, in which an oar and a glass ashtray are used as murder weapons. In addition to this, the height difference between chairs highlights Patricia's obsession with the power dynamic between herself and Edward.

At the beginning of the monologue, Patricia's office appears neat and normal, but by the end of the monologue it is in complete chaos, representing the decline of Patricia's mental health. This employs the element of theatre composition of variation, and the use of props increases the intensity as the monologue progresses. The strewn pages represent Patricia's fictitious creations seeping into reality with the ominous manifestation of her own character.

MAX VASSALLO LA ROSA

THORNBURY HIGH SCHOOL, THORNBURY, WURUNDJERI COUNTRY

Ariel (*The Tempest*, William Shakespeare)

Costume and makeup design EVA foam, plastidip, PVC piping, PVC elbow, hat base, polystyrene balls, plastic doll eyes, gaffer tape, spray paint, headband, chain, foam, wooden dowel, wooden pegs, papier mâché, polyester, satin, jersey, soft tulle, press studs, cotton, harness straps, foil, masking tape, bolts, nuts, washer water-activated body paint, eyeshadow, charcoal powder, pencil eyeliner

My costume and makeup designs respond to the character Ariel in William Shakespeare's *The Tempest*. I was inspired by the contrast between the genuine fear of magic and witchcraft under the rule of King James I, and the significant explorative and technological advancements co-occurring in the Jacobean period.

My designs are influenced by Australian Gothic, especially the unleashed conventions of the natural order and the fear of an old and unknown world. As such, I have recontextualised the location of the play to a dark, foreboding and indistinct isle.

My costume pieces exemplify elements of theatre composition including motion, emphasis and contrast. My makeup focuses on the theatre composition of emphasis. The designs have been inspired by dramaturgical research into influences on the playwright, including the shipwreck of the *Sea Venture*, Shakespeare's pandering to King James I and his beliefs, and the consequences of slavery.

My designs are intended for a white Australian audience looking to understand and acknowledge the colonial history of their ancestors, whose actions are still felt strongly to this day. I utilise conventions of epic theatre to emphasise that there will always be power within the oppressed.

GEMMA DOMINGO

CAULFIELD GRAMMAR SCHOOL, CAULFIELD, BUNURONG COUNTRY

Man (*Man Covets Bird*, Finegan Kruckemeyer)

Set and costume design cotton sheets, wood, paint, kitchen utensils, stuffed gloves, stuffed leg warmers, safety pins, ribbon, foil, felt sheets, dictionary, wooden love heart, helmet, foil, light glove, denim coveralls, cotton pyjamas, felt

The magical-realist one-person play *Man Covets Bird* by Finegan Kruckemeyer is a children's theatre work that explores notions of rebirth, growing up, belonging and the warped passing of time.

The need to make both the set pieces and costume elements transformative is the base from which I built my concepts. I explore the idea of not belonging in my costume design by putting the actor in shoes that don't fit and oversized factory overalls, as if nothing fits him because he himself doesn't fit in yet.

I have used the theatre composition of cohesion in my set piece design to create a balanced and whimsical aesthetic. Pairing soft tones of white and silver with three main colours – dark pink, light pink and green – I have produced a unified set piece design. Using silver details such as safety pins and clock bases, I have connected the white hues with the pink and green shades. Creating a sense of cohesion in my design helped to establish an aesthetic that intrigues the intended younger audience.

The theatre composition element of contrast has been applied to my costume design by juxtaposing dark colours against dark pink detailing. This deliberate contrast helps to personalise the ever-growing character. The hearts showcase the personality of the 'man' in a world filled with the ordinary.

The factory overalls and decorated hard hat have been used to foreshadow the man's occupation. The felt squares symbolise repeated lines in the play about the ice that can form between people. The assemblage of dark pink dots create a quirky and playful atmosphere for the intended audience. I have incorporated a broken and non-functioning light bulb into the helmet design to represent the broken state of the 'man' who is yet to find his place in this world. In addition, I chose to adhere the light bulb with Blu Tack to establish the man's knack for inventing objects and suggesting that his inventions can help him find his place in this world.

ELLA CONROY

THORNBURY HIGH SCHOOL, THORNBURY, WURUNDJERI COUNTRY

Ariel (*The Tempest*, William Shakespeare)

Costume and makeup design mesh, beads, wool, synthetic twigs, synthetic ivy, polyester, corset, LED lights, elastic, eyeshadow

I have designed costumes and makeup for Ariel in Shakespeare's *The Tempest*. As a designer, I was inspired by the influence that Ireland had on Shakespeare's life, the colonisation of Ireland by the English, and Gaelic and pagan cultures.

My designs have been influenced by magical realism, particularly supernatural characters, Jacobean masque, dance and elaborate costume. I have also been influenced by epic theatre, particularly the political undertones of Gaelic colonial themes and gestus. My costume designs utilise the element of the theatre composition 'emphasis', as my wooden robe emulates the tree. Furthermore, my costume designs invoke the element of the theatre composition 'contrast' through the dark robe contrasting against the light ensemble underneath. My stylised, light-coloured makeup explores the element of 'contrast' through the white skin and black nails.

My designs are intended for an Anglo-Saxon Australian audience, urging them to reflect on the colonial discussion and think more deeply about the contemporary colonial histories of Northern Ireland and Australia.

GRACE LEW-KEE

OUR LADY OF MERCY COLLEGE, HEIDELBERG, WURUNDJERI COUNTRY

First Voice (*Under Milk Wood*, Dylan Thomas)

Costume and set design leather dress shoes, white collared shirt, black suspenders, suit jacket, stencil, dress pants, wood, glitter, ceramic teacups, velvet, ribbon, books, cardboard, glass bottle, LED lighting, brass telescope, antique radio, playing card boxes, twine, museum board, model ship, chiffon fabric, paint

My costume and set designs respond to the First Voice monologue in *Under Milk Wood* by Dylan Thomas. This monologue is pivotal in introducing the small Welsh coastal town of Llareggub. My designs implement the theatrical style of magical realism to support aspects of imagination and whimsicality that inform the First Voice character.

I created a cohesive aesthetic that invites the intended adult audience to immerse themselves within the monologue and experience the imaginative world of the characters in the play. The aesthetic of my designs is playful and ties in with the play's intended meaning to find the good in all people. The small village replica enhances the focus on the importance of community and friendship. The dark wood, hardcover books, vintage items and glittery stars create a cohesive performance space that appears mysterious and magical to engage the audience.

I have used battery-powered theatre technology to enhance the magic realist style and support the set's transformation, enabling the book cover to transform into the library and the bookshelf to transform into the village replica. This set has been specifically designed for a single actor performing the monologue in a 5-by-5 metre space.

I wanted to show that First Voice has dedicated all of their focus to the story of Llareggub through the costume design; messily sewn scraps of fabric and mismatched buttons suggest they have mended the clothes themselves, remaining isolated and fixated on the narrative. Ultimately, the set and costume designs I have created provide a cohesive addition to the monologue from *Under Milk Wood* that emphasises the theatre style and enhances the actor's ability to perform the character of First Voice in a more authentic way.

VCE VET

67 VET Creative and Digital
   Media
   Kira Burdack
   Nicole Dulberg
   Finlay Elder
   Faith Gigliotti
   Chaitrita Mantri
   Mercedes Robertson
   Sophie Whitney

75 VET Integrated Technologies
   Alistair Graham
76 VET Music (Sound Production)
   Jorell Mobbs
   Sage Roadknight
78 VET Engineering Studies
   James Crockett

VCE VET programs allow students to include Vocational Education and Training (VET) as part of their Senior Secondary Certificate. As well as up-to-the-minute industry technical competence, students develop a range of employability skills, such as communication, teamwork, problem solving, using technology, planning and initiative.

Top Designs features products that are designed and produced by students to meet the requirements of scored assessment within their VCE VET program. The programs eligible for Top Designs are VCE VET Creative and Digital Media, Engineering Studies, Furnishing, Integrated Technologies and Music (Sound Production).

KIRA BURDACK

NORTHERN COLLEGE OF ARTS AND TECHNOLOGY, PRESTON, WURUNDJERI COUNTRY

Noodog

Animation
Clip Studio Paint, Adobe Premiere

Units of Competency

CUADES302   Explore and apply the creative design process to 2D forms

CUAANM301   Create 2D digital animations

The Noodog advertisement is designed to promote a fictional instant noodle brand I created. My animation follows a sister who comforts their sick younger sibling by making them soup noodles. My target audience was families and children, so I designed simple characters and easily recognisable dogs to make them feel familiar and appealing. The warm and lighthearted atmosphere of the animation aims to create a positive, memorable experience that will then be associated with the product.
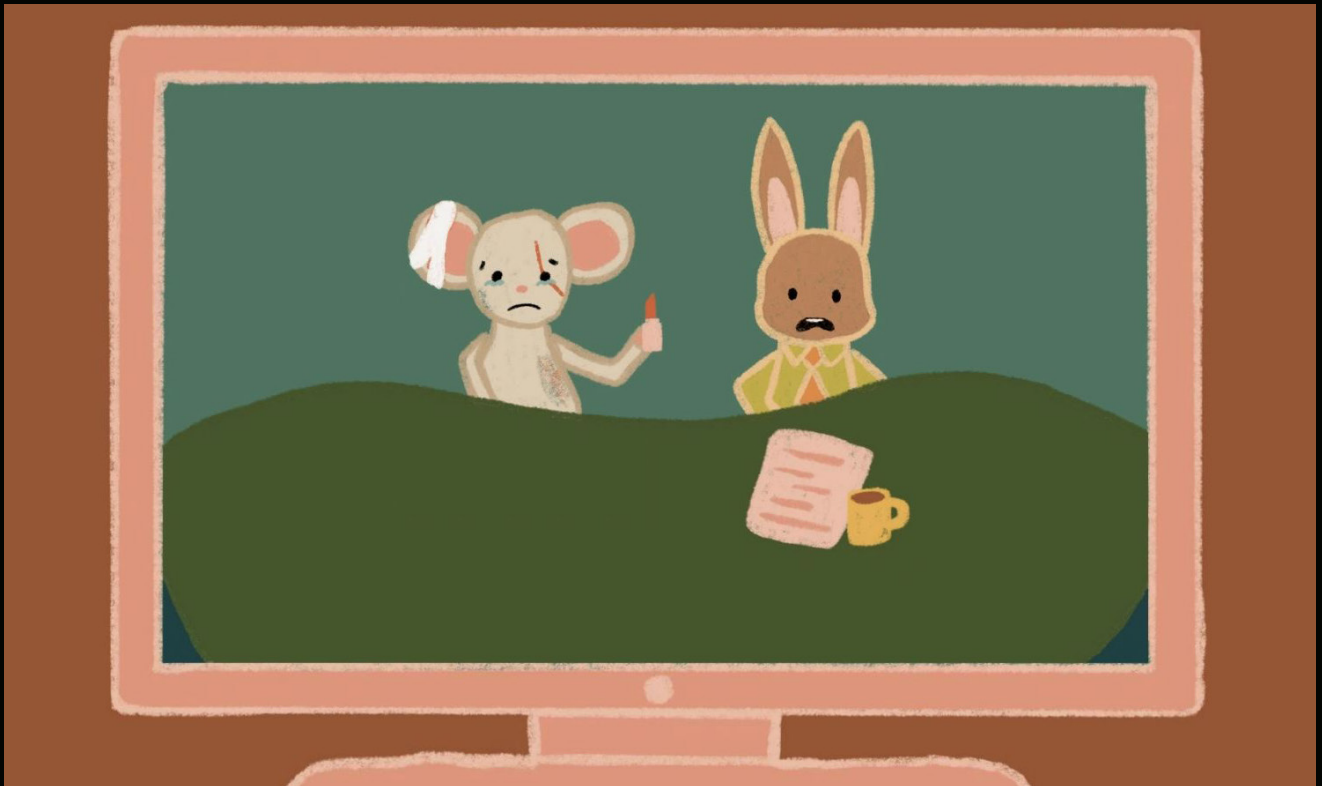
NICOLE DULBERG

MENTONE GIRLS' GRAMMAR SCHOOL, MENTONE, BUNURONG COUNTRY

Stop Cosmetic Animal Testing

Animation
Adobe Animate, Adobe Premiere Pro, Procreate

Units of Competency

CUAANM301 Create 2D digital animations

I created this animation with the intention of spreading awareness about an issue I am greatly passionate about: cosmetic animal testing. I decided to tell the story from Matilda the mouse's perspective, so that my audience could gain a deeper understanding of the physical and emotional harm these animals suffer. I created my illustrations in Procreate and then produced my animation using Adobe Animate.

FINLAY ELDER

ST LEONARD'S COLLEGE, BRIGHTON EAST, BUNURONG COUNTRY

Home Pizza Cucina

Website
Adobe Dreamweaver, Adobe Photoshop, Adobe Illustrator

Units of Competency

CUADIG312   Author interactive sequences

CUAWRT301   Write content for a range of media

My website is a platform for a fictional business I created, Home Pizza Cucina, which offers pizza-cooking classes for consumers. I designed the website through concept sketches in pre-production and drafted the written content before coding the website in production. I also composed other media assets such as the photographs, which have been incorporated into the design.

FAITH GIGLIOTTI

NORTHERN COLLEGE OF THE ARTS AND TECHNOLOGY, PRESTON, WURUNDJERI COUNTRY
NORTHSIDE CHRISTIAN COLLEGE, BUNDOORA, WURUNDJERI COUNTRY

Amphicar 770

Animation
Procreate, Abode Animate

Units of Competency

CUADES302   Explore and apply the creative design process to 2D forms

CUAANM301   Create 2D digital animations

The Amphicar 770 is a unique car that was produced in the 1960s. What makes the Amphicar unique is its ability to drive on water. It was a small four-seater car made for road trips and boat rides. I created rough sketches from researching the vehicle and its history. I drew images on Procreate and then imported them into Adobe Animate. I used layer masking, tweening and frame-by-frame animation to really bring the Amphicar to life.
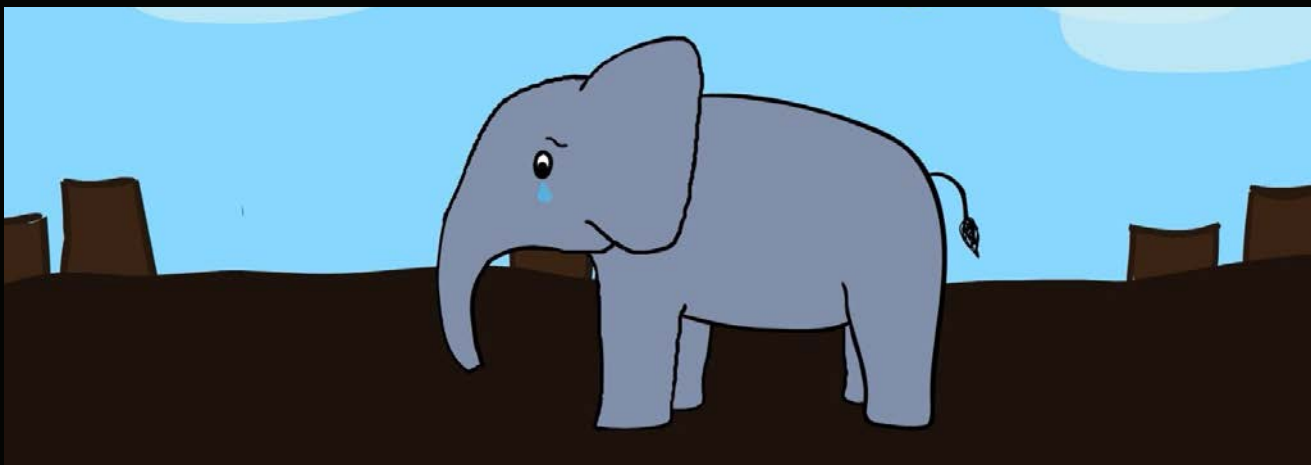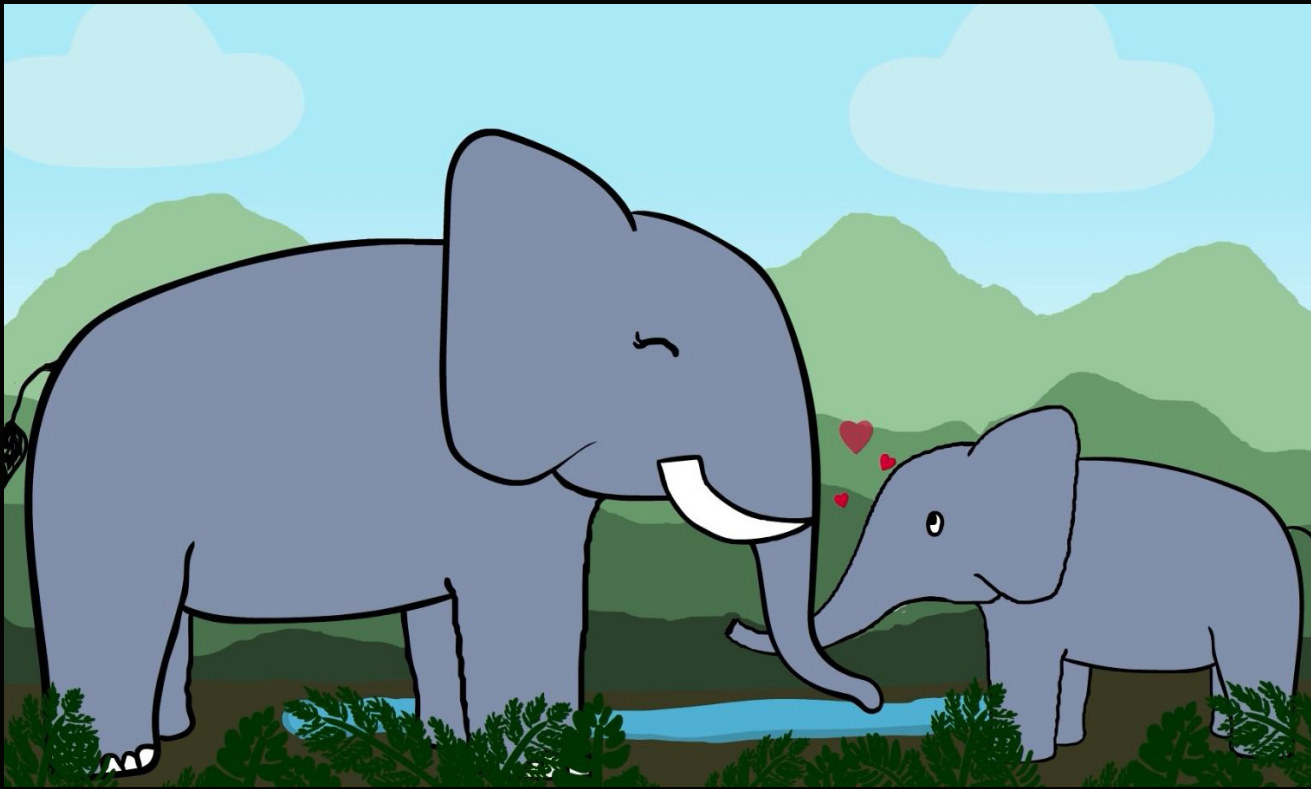
CHAITRITA MANTRI

MENTONE GIRLS' GRAMMAR SCHOOL, MENTONE, BUNURONG COUNTRY

Stop Deforestation

Animation
Adobe Animate, Adobe Photoshop

Units of Competency
CUAANM301 Create 2D digital animations

My animation depicts the looming threat of habitat destruction. The main character, a baby elephant, symbolises the strife of animals facing the threat of deforestation. The loving bond between the elephant and its mother represents the inextricable connection that all animals share with nature. The animation ends with a poignant reminder of the suffering endured by the animal kingdom at the hands of humans and calls for immediate action to 'Stop Deforestation'.

MERCEDES ROBERTSON

MILDURA SENIOR COLLEGE, MILDURA

FIRST PEOPLES OF THE MILLEWA-MALLEE, BEING LATJI LATJI AND NGINTAIT TRADITIONAL OWNERS
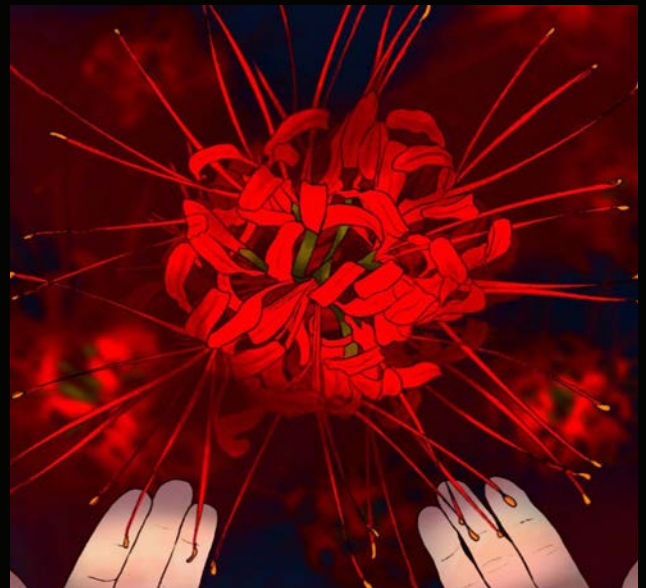
Memories

Animation
Procreate, Abode Animate

Units of Competency

CUAANM301 Create 2D digital animations

CUADIG304   Create visual design components

Memories is an animation based on the backstory of a character I created. The animation is centred on this character's perspective and her struggle between memories of her lost lover and the grim reality surrounding her. This project required an extensive planning process that included inspiration gathering, storyboarding and lengthy asset development.

MERCEDES ROBERTSON

MILDURA SENIOR COLLEGE, MILDURA
FIRST PEOPLES OF THE MILLEWA-MALLEE,
BEING LATJI LATJI AND NGINTAIT
**TRADITIONAL OWNERS**

Character Design Project

Portfolio
Procreate

Units of Competency

CUADES302   Explore and apply the creative design
process to 2D forms

My character design project was centred on the idea of a 'half-human' being that possesses human characteristics combined with flora, fauna or mythical creatures. This project embodies my fascination with the human physique, wildlife, fantasy and mythology. When developing my character, I aimed to create a design that was compelling, communicated an underlining story, and was unique. To achieve this, I thought broadly before refining the characteristics I was drawn to.
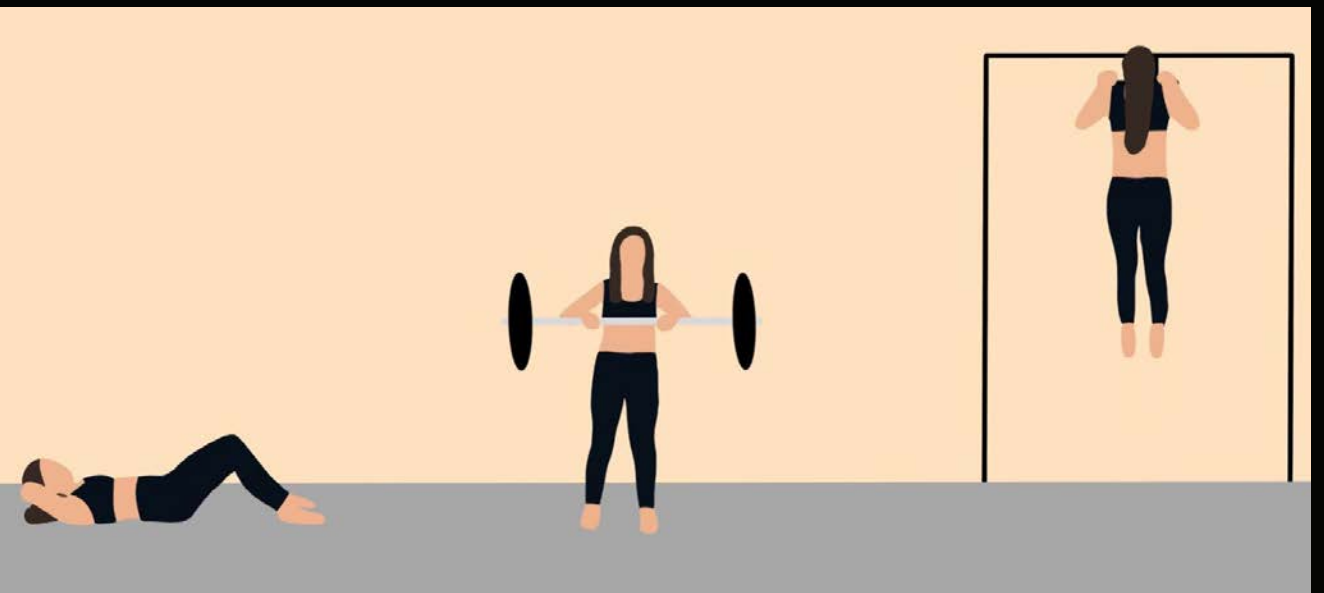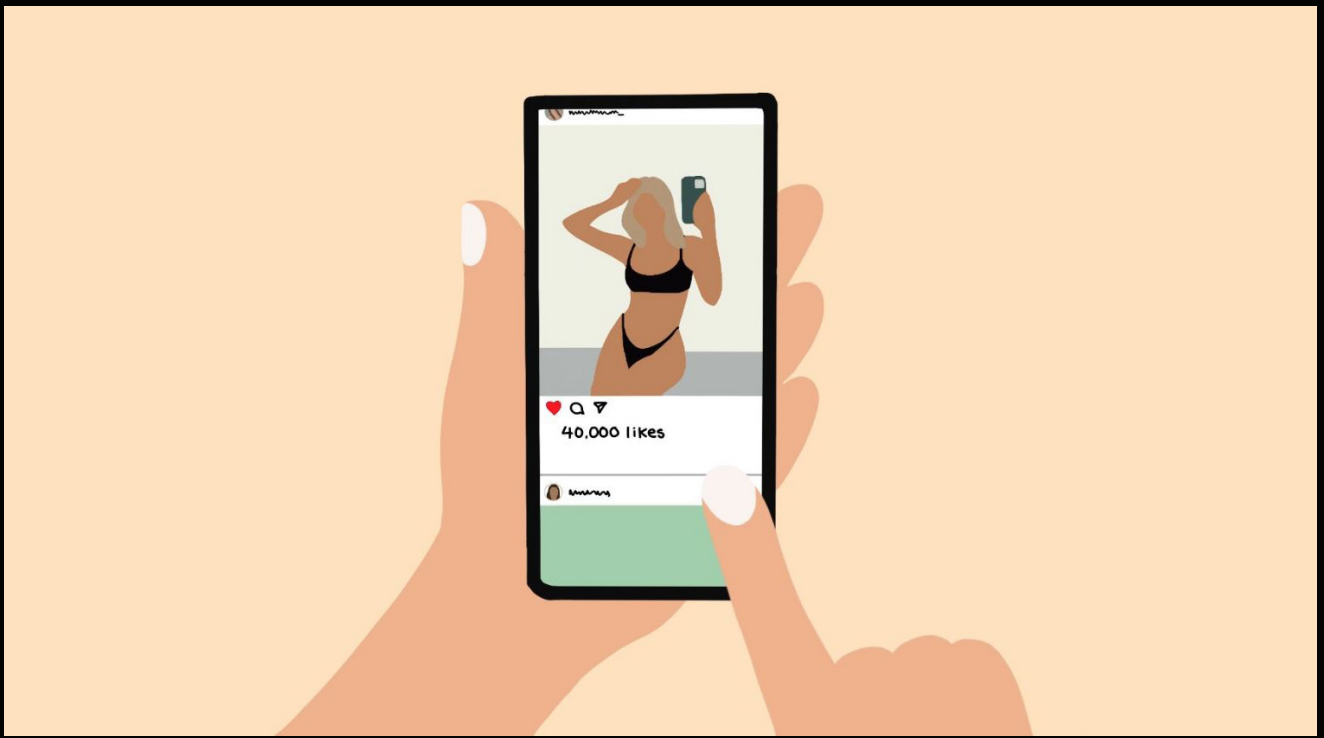
SOPHIE WHITNEY

MENTONE GIRLS' GRAMMAR SCHOOL, MENTONE, BUNURONG COUNTRY

Perfectly Imperfect

Animation
Procreate, Adobe Animate

Units of Competency
CUAANM301 Create 2D digital animations

Perfectly Imperfect is a short animation that focuses on the influence that social media has on body image and body dysmorphia. The animation was created to highlight the difficulties of body dysmorphia and create awareness of the impact that social media has on an individual's mental health. My creation of the animation involved the lengthy process of filming and taking pictures of myself, then rotoscoping these images into a cartoon form.

ALISTAIR GRAHAM

NORTHERN COLLEGE OF THE ARTS AND TECHNOLOGY, PRESTON, WURUNDJERI COUNTRY
FITZROY HIGH SCHOOL, FITZROY NORTH, WURUNDJERI COUNTRY

Off-Grid Digital Water Tank Meter

Arduino microcontrollers, PCB Boards, electronic components, housing box, solar panel, rechargeable battery, charge controller
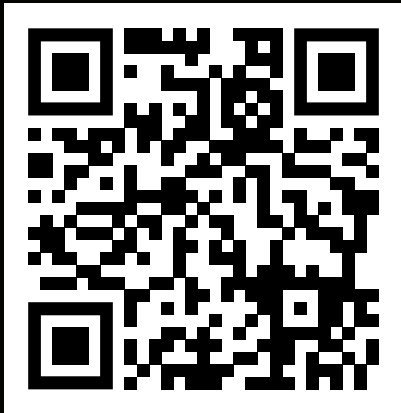
Units of Competency

VU23111   Apply electro technology knowledge and skills in integrated technologies work

My project is an off-grid digital water meter designed to replace the traditional analogue water meters installed in most rural water tanks. My design aims to overcome some of the shortcomings faced by similar water tank meter products on the market, most notably the lack of compatibility with areas without regular power or internet connection.

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JORELL MOBBS

BALLARAT GRAMMAR, WENDOUREE
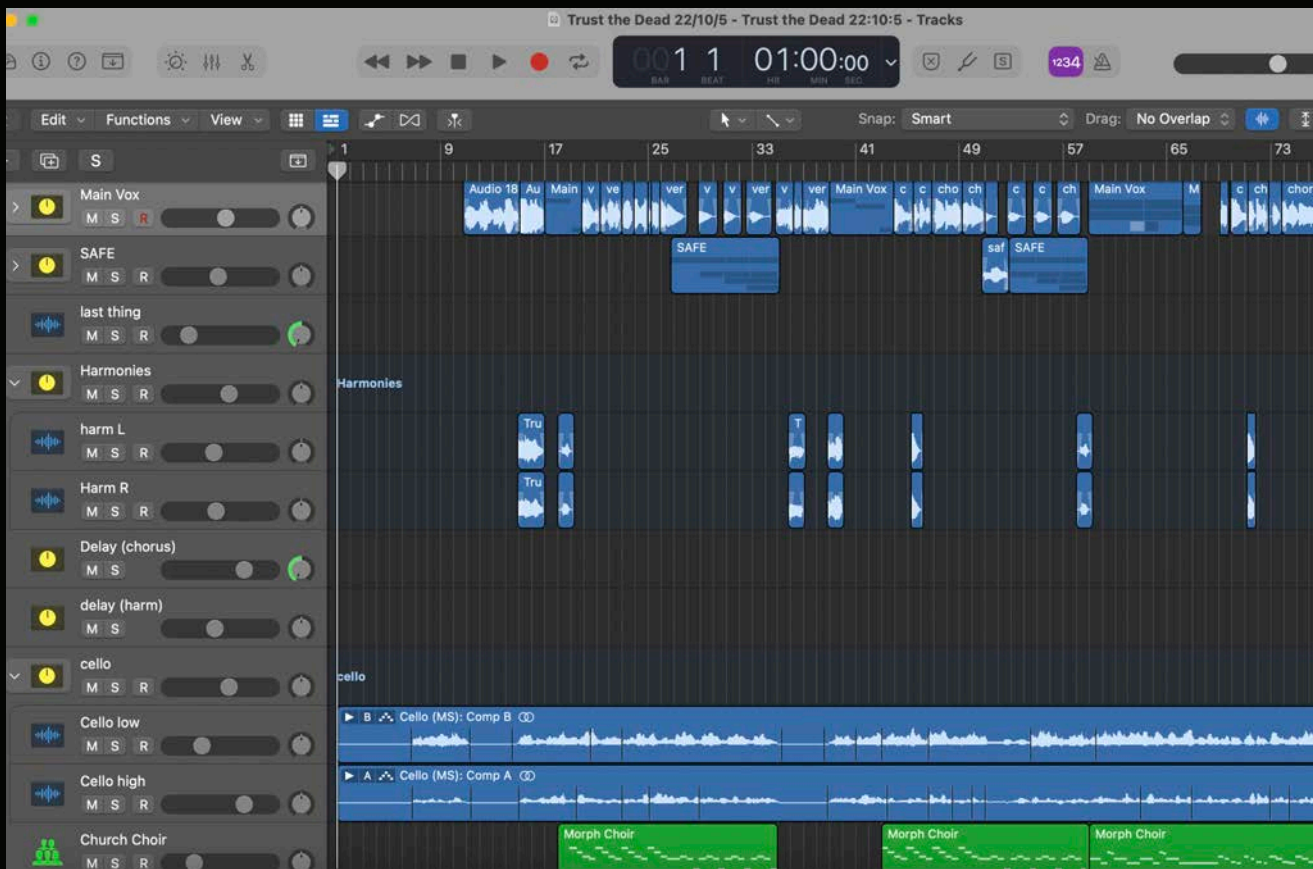**WADAWURRUNG COUNTRY**

Every Time

FL Studio

Units of Competency

CUASOU317   Record and mix basic music demos

CUASOU412   Manage audio input sources

My song, *Every Time*, is a reflection on complicated relationships, in particular the perplexing experience of feeling both hopelessness and love. I used FL Studio for all the recording, mixing and mastering involved in creating the track. This original song was written and performed by me and my brother Declan. The project uses 43 mixer tracks, 80 playlist tracks and more than 45 audio samples or recordings. The mix was designed to show variation, including panning, stereo and different tonal and FX treatments as the song develops. These techniques, along with the tension and release within the track, emphasise the emotional push and pull of the relationship experience.

Listen on SoundCloud

SAGE
ROADKNIGHT

ALICE MILLER SCHOOL, MACEDON, WURUNDJERI COUNTRY

Trust the Dead

Logic Pro X

Units of Competency

CUASOU317   Record and mix basic music demos

CUASOU412   Manage audio input sources

Trust the Dead is a unique blend of folk and alternative music styles. I combined the commonly used instrumentation and storytelling qualities of folk with modern production and effects to create a unique and engaging track. I enjoyed the challenge of composing, producing and mixing a modern-sounding track that retained its folk roots while experimenting and pushing the parameters of the effects I could use.
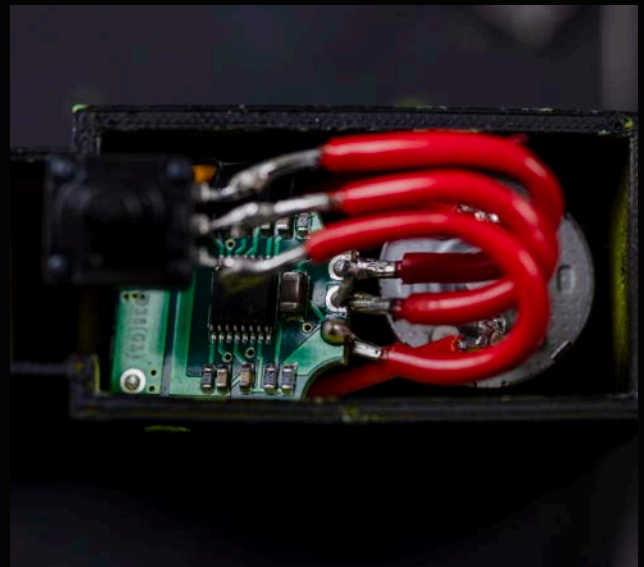
JAMES CROCKETT

SWINBURNE UNIVERSITY OF TECHNOLOGY, WANTIRNA, WURUNDJERI COUNTRY
LUTHER COLLEGE, CROYDON, WURUNDJERI COUNTRY

Three Axis Robotic Arm

Aluminium, stainless steel, PLA+

Units of Competency
MEMPE006A Undertake a basic engineering project

My design brief focused on occupational health and safety (OH&S). The robotic arm I have created would allow a human user to perform tasks from a safe distance in hazardous environments, such as the handling of toxic waste or highly volatile substances. The use of aluminium, PLA+ and stainless steel all add chemical resistance to the robot, and all waterproof electronics ensure that operations can be performed both indoors and outdoors.

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Tuesday 7 March -
Thursday 30 March

TOP SCREEN
Friday 17 March -
Friday 28 April

TOP ARTS
Friday 17 March -
Sunday 9 July

TOP ACTS
Tuesday 30 May